

**SECRET**

PHOTOGRAPHIC INTERPRETATION REPORT



*file*

**BLACK SHIELD  
MISSION X-003**

**10 JUNE 1967**

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NPIC/R-115/67  
JUNE 1967

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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BLACK SHIELD X003, 10 JUN 67

R-115/67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS ON MISSION BLACK SHIELD X003, 10 JUNE 1967.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

SYMBOLS FOR PHOTO REFERENCE DATA DENOTE LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND MODE. FRAME REFERENCES WILL BE DISSEMINATED AT A LATER DATE.

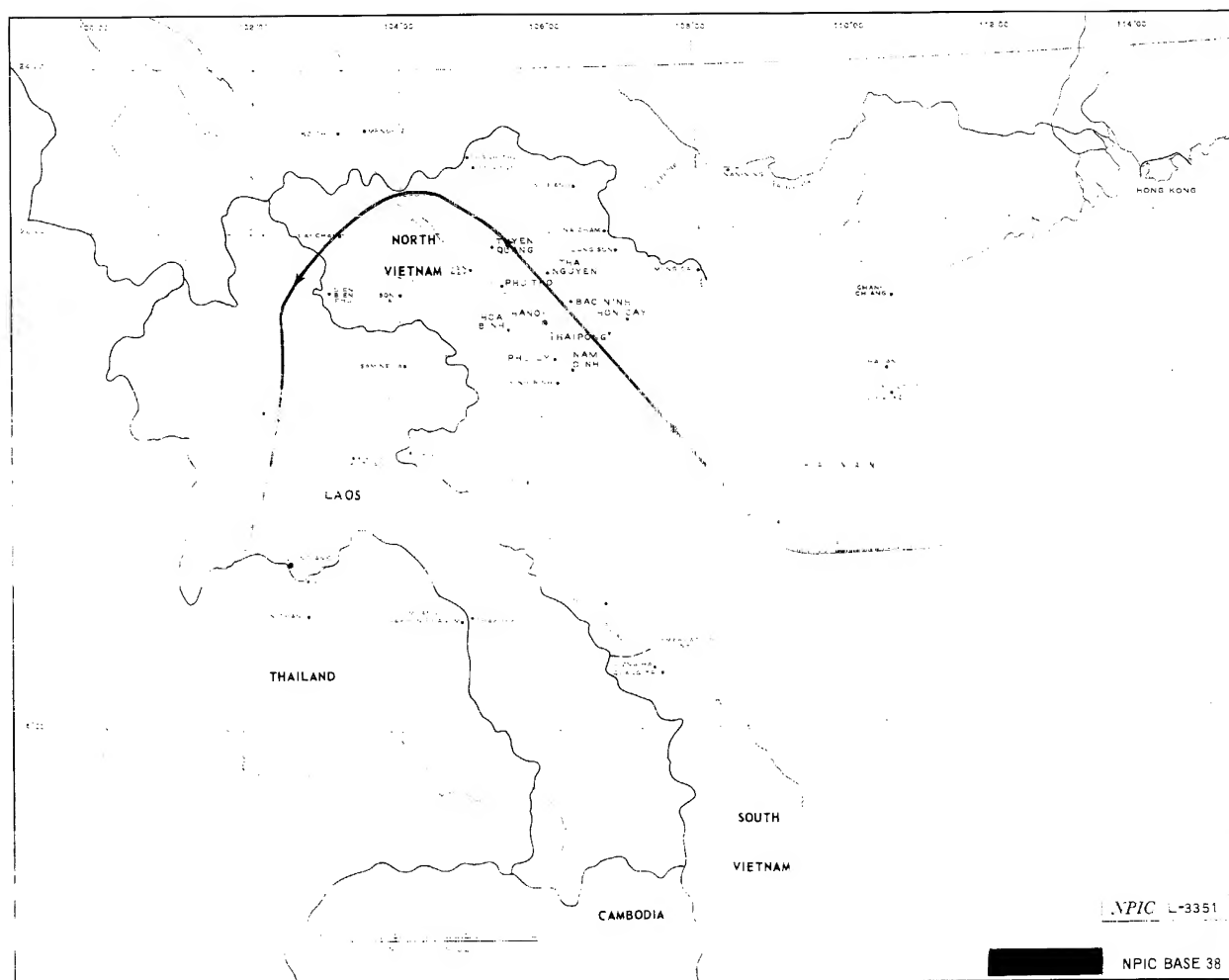
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

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APPROXIMATE TRACK OF BLACK SHIELD MISSION X-003, 10 JUNE 1967.

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## **Highlights**

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES OBSERVED.

A TOTAL OF 97 SA-2 SITES ARE IDENTIFIED. OF THE 97, FOUR ARE NEWLY IDENTIFIED (2 OCCUPIED AND 2 UNOCCUPIED), 18 ARE OCCUPIED, 67 ARE UNOCCUPIED, AND 12 ARE IDENTIFICATION ONLY. OF THE 7 MAJOR AIRFIELDS COVERED, 5 PROVIDED ORDER-OF-BATTLE INFORMATION AND 2 ARE IDENTIFICATION ONLY.

HAI PHONG PORT WAS OBSCURED BY CLOUDS AND HAZE AND PROVIDED NO ORDER-OF-BATTLE DATA. HA NOI WAS CLEAR BUT PROVIDED NO NEWLY IDENTIFIED NAVAL ORDER-OF-BATTLE.

IN ADDITION TO SIGNIFICANT ORDER-OF-BATTLE DATA, A LARGE AREA OF UNIDENTIFIED RAIL SERVED ACTIVITY 8 NM SOUTH OF THAI NGUYEN WAS ANALYZED FOR POSSIBLE MISSILE ASSOCIATION WITH NEGATIVE RESULTS AT ITS PRESENT STAGE OF DEVELOPMENT.

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## **Missiles**

MISSILES

HA NOI SAM SITE A10-2 (14) VN 2101N 10558E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED  
REVETTED CENTRAL GUIDANCE AREA.

OB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE A19-2 (15) VN 2055N 10550E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED  
REVETTED CENTRAL GUIDANCE AREA.

OB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE A29-2 (14) VN 2104N 10541E

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS,  
2 UNOCCUPIED REVETTED LAUNCH POSITIONS, AND AN OCCUPIED  
CENTRAL GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE B04-2 (5) VN 2111N 10559E

SITE CONSISTS OF AT LEAST 5 OCCUPIED REVETTED LAUNCH  
POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
AREA.

OB -- AT LEAST 5 LAUNCHERS WITH MISSILES AND A GUIDANCE  
RADAR WITH ASSOCIATED VANS.

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HA NOI SAM SITE B12-2 (3) VN 2056N 10604E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE B25-2 (11) VN 2054N 10536E

IDENTIFICATION ONLY.

H,O P T ST

HA NOI SAM SITE B29-2 (17) VN 2104N 10539E

SITE IS UNOCCUPIED.

CS,H P T ST

HA NOI SAM SITE B30-2 (16) VN 2106N 10539E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C30-2 (7) VN 2113N 10521E

IDENTIFICATION ONLY.

H,O P T ST

HA NOI SAM SITE B17-2 (1) VN 2047N 10554E

SITE IS UNOCCUPIED.

C G T ST

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HA NOI SAM SITE B21-2 (2)

VN 2051N 10545E

SITE IS UNOCCUPIED.

C Q F T ST

HA NOI SAM SITE D31-2 (8)

VN 2121N 10522E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE A24-2 (19)

VN 2056N 10543E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE D31A-2 (28)

VN 2124N 10517E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D16-2 (24)

VN 2034N 10607E

SITE IS UNOCCUPIED.

C G T ST

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HA NOI SAM SITE D36-2 (39)

VN 2132N 10547E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C07-2 (30)

VN 2116N 10619E

SITE IS UNOCCUPIED.

H,O F T ST

HA NOI SAM SITE D31B-2 (29)

VN 2123N 10520E

SITE IS UNOCCUPIED.

C F T ST

YEN BAI SAM SITE C14-2 (122)

VN 2128N 10509E

IDENTIFICATION ONLY.

H P T ST

YEN BAI SAM SITE B12-2 (116)

VN 2136N 10507E

SITE IS UNOCCUPIED.

HAI PHONG SAM SITE A29-2 (21)

VN 2052N 10634E

SITE IS UNOCCUPIED.

H,O F T ST

HAI PHONG SAM SITE A20-2 (25)

VN 2044N 10639E

SITE IS UNOCCUPIED.

H,O F T ST

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HAI PHONG SAM SITE A17-2 (34)

VN 2047N 10642E

IDENTIFICATION ONLY.

H O P T ST

HAI PHONG SAM SITE A29A-2 (37)

VN 2053N 10631E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE C32-2 (58)

VN 2106N 10623E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C32A-2 (59)

VN 2106N 10622E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B28-2 (60)

VN 2052N 10620E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B30-2 (61)

VN 2059N 10621E

SITE IS UNOCCUPIED.

C G T ST

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25X1

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HAI PHONG SAM SITE A07-2 (55)

VN 2055N 10650E

IDENTIFICATION ONLY.

H, O P T ST

HAI PHONG SAM SITE A31-2 (70)

VN 2054N 10636E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE A33-2 (71)

VN 2056N 10636E

SITE IS UNOCCUPIED.

H, O F T ST

HAI PHONG SAM SITE C30-2 (72)

VN 2101N 10619E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C28-2 (73)

VN 2053N 10617E

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 PROBABLY OCCUPIED REVETTED LAUNCH POSITION, AND 1  
UNOCCUPIED REVETTED LAUNCH POSITION AND AN OCCUPIED  
REVETTED CENTRAL GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES, 1 PROBABLE LAUNCHER  
AND MISSILE, AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE A02-2 (85)

VN 2056N 10642E

SITE CONSISTS OF AT LEAST 3 POSSIBLY OCCUPIED REVETTED  
LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED

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CENTRAL GUIDANCE AREA.

DB -- AT LEAST 3 POSSIBLE LAUNCHERS AND MISSILES AND A  
 POSSIBLE GUIDANCE RADAR.

H P T ST

HAI PHONG SAM SITE A17A-2 (86)

VN 2042N 10644E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE A33A-2 (93)

VN 2054N 10638E

SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH  
 POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL  
 GUIDANCE AREA.

DB -- 6 POSSIBLE LAUNCHERS AND MISSILES AND A POSSIBLE  
 GUIDANCE RADAR.

H P T ST

THANH HOA SAM SITE D02-2 (69)

VN 2025N 10601E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B30A-2 (43)

VN 2108N 10535E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C30A-2 (44)

VN 2112N 10521E

IDENTIFICATION ONLY.

H, O P T ST

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HA NOI SAM SITE D03-2 (41) VN 2128N 10607E

IDENTIFICATION ONLY.

H F T NS

HA NOI SAM SITE D04-2 (33) VN 2125N 10612E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A17A-2 (45) VN 2052N 10554E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE C30C-2 (51) VN 2114N 10523E

SITE IS UNOCCUPIED.

C, D F T ST

HA NOI SAM SITE C01-2 (53) VN 2125N 10551E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C05-2 (62) VN 2117N 10605E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C04-2 (54) VN 2124N 10611E

SITE IS UNOCCUPIED.

C G T ST

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HA NOI SAM SITE C04A-2 (57)

VN 2120N 10608E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C01A-2 (63)

VN 2129N 10554E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND A REVETTED  
OCCUPIED CENTRAL GUIDANCE AREA.

OB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C F T ST

HA NOI SAM SITE D35-2 (75)

VN 2138N 10537E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C06A-2 (78)

VN 2115N 10616E

SITE IS UNOCCUPIED.

H, O F T PS

HA NOI SAM SITE C13-2 (81)

VN 2045N 10613E

SITE IS UNOCCUPIED.

C G T ST

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25X1  
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HA NOI SAM SITE C11-2 (84) VN 2055N 10615E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C12-2 (88) VN 2052N 10611E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C30D-2 (92) VN 2112N 10530E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE B07-2 (95) VN 2108N 10609E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D06-2 (105) VN 2118N 10621E

SITE IS UNOCCUPIED.

H,O F T ST

HA NOI SAM SITE C30E-2 (114) VN 2111N 10521E

IDENTIFICATION ONLY.

H,O P T ST

BAG CAN SAM SITE C22-2 (76) VN 2151N 10536E

SITE IS UNOCCUPIED.

C G T ST

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BAC CAN SAM SITE B20-2 (90) VN 2151N 10544E

SITE IS UNOCCUPIED.

C G T ST

BAC CAN SAM SITE C20-2 (96) VN 2144N 10542E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B34-2 (104) VN 2104N 10634E

IDENTIFICATION ONLY.

H F T ST

HAI PHONG SAM SITE A14-2 (137) VN 2049N 10643E

IDENTIFICATION ONLY.

H,O F T ST

HAI PHONG SAM SITE D22-2 (152) VN 2024N 10624E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C21-2 (157) VN 2024N 10630E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B17A-2 (118) VN 2051N 10555E

SITE IS UNOCCUPIED.

C,O F T ST

SECRET

HA NOI SAM SITE B01-2 (119) VN 2117N 10553E  
SITE IS UNOCCUPIED.  
C G T ST

HA NOI SAM SITE C33-2 (120) VN 2218N 10537E  
SITE IS UNOCCUPIED.  
C G T ST

HA NOI SAM SITE B01A-2 (124) VN 2114N 10553E  
SITE IS UNOCCUPIED.  
H F T ST

HA NOI SAM SITE A33-2 (125) VN 2109N 10546E  
SITE IS UNOCCUPIED.  
H F T ST

HA NOI SAM SITE D36A-2 (126) VN 2135N 10550E  
SITE IS UNOCCUPIED.  
C G T ST

HA NOI SAM SITE C01B-2 (128) VN 2128N 10552E  
SITE IS UNOCCUPIED.  
C G T ST

HA NOI SAM SITE A01-2 (133) VN 2107N 10552E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.



C G T ST

HA NOI SAM SITE C03-2 (138)

VN 2121N 10600E

SITE IS UNOCCUPIED.

C F T NS

HA NOI SAM SITE C03A-2 (141)

VN 2119N 10602E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C32-2 (143)

VN 2119N 10531E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B32-2 (146)

VN 2115N 10535E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B07A-2 (148)

VN 2109N 10608E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C17-2 (147)

VN 2036N 10601E

SITE IS UNOCCUPIED.

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C G T ST

HA NOI SAM SITE A31-2 (159)

VN 2104N 10546E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE C17A-2 (161)

VN 2037N 10557E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B16-2 (162)

VN 2049N 10557E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
WITH PROBABLE MISSILES AND AN OCCUPIED REVETTED CENTRAL  
GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH 6 PROBABLE MISSILES AND A  
GUIDANCE RADAR WITH ASSOCIATED VANS.

H F T ST

HA NOI SAM SITE C17B-2 (165)

VN 2033N 10600E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C16-2 (166)

VN 2041N 10605E

SITE IS UNOCCUPIED.

C G T ST

SECRET

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HA NOI SAM SITE A05-2 (158) VN 2108N 10558E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D36B-2 (168) VN 2134N 10546E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C03B-2 (167) VN 2121N 10600E

SITE IS UNOCCUPIED.

C G T NS

HA NOI SAM SITE D31C-2 (131) VN 2124N 10517E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C05B-2 (171) VN 2122N 10615E

IDENTIFICATION ONLY.

H F T ST

HA NOI SAM SITE B27-2 (180) VN 2059N 10533E

SITE IS UNOCCUPIED.

H F T ST

YU-LIN CSTL DEF & RADAR SITE CH 1811N 10929E

IDENTIFICATION ONLY.

H P T ST

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CAT BA COASTAL DEFENSE SITE NO. 1

VN 2043N 10703E

IDENTIFICATION ONLY.

H, O P T ST

YEN BAI SAM SITE 193

VN 2141N 10522E NO COMOR

27.1 NM EAST OF YEN BAI AT UTM WJ380982.  
NEWLY IDENTIFIED SITE CONSISTS OF 2 OCCUPIED UNREVETTED  
LAUNCH POSITIONS, 1 UNOCCUPIED UNREVETTED LAUNCH  
POSITION, AND A PARTIALLY REVETTED CENTRAL GUIDANCE  
AREA WITH AT LEAST 3 VANS AND A POSSIBLE GUIDANCE  
RADAR. NO OTHER MISSILES OR MISSILE-ASSOCIATED  
EQUIPMENT OBSERVED.

OB -- 2 LAUNCHERS WITH MISSILES AND A POSSIBLE GUIDANCE  
RADAR WITH AT LEAST 3 VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-II, 1ST  
ED.)

(SEE ATTACHMENT)

C G T ST

YEN BAI SAM SITE 194

VN 2146N 10513E NO COMOR

20.5 NM ENE OF YEN BAI AT UTM WK239082.  
NEWLY IDENTIFIED SITE CONSISTS OF 6 OCCUPIED UNREVETTED  
LAUNCH POSITIONS AND AN OCCUPIED UNREVETTED CENTRAL  
GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-IV, 1ST  
ED.)

(SEE ATTACHMENT)

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HA NOI SAM SITE 195

VN 2130N 10552E NO COMOR

30 NM NORTH OF HA NOI AT UTM WJ913775.  
NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 3 UNREVETTED  
LAUNCH POSITIONS, 1 POSSIBLE UNREVETTED LAUNCH  
POSITION, AND AN UNREVETTED CENTRAL GUIDANCE AREA. NO  
MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6151-I, 1ST  
ED.)

(SEE ATTACHMENT)

C G T ST

YEN BAI SAM SITE 197

VN 2203N 10502E NO COMOR

22.8 NM NNE OF YEN BAI AT UTM WK040385.  
NEWLY IDENTIFIED SITE UNDER CONSTRUCTION CONSISTS OF 5  
PARTIALLY REVETTED UNOCCUPIED LAUNCH POSITIONS, AN  
UNREVETTED UNOCCUPIED GUIDANCE AREA, AND A PROBABLE  
UNOCCUPIED ACQUISITION RADAR POSITION IMMEDIATELY NORTH  
OF THE SITE. NO MISSILES OR MISSILE-ASSOCIATED  
EQUIPMENT OBSERVED.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6053-III, 1ST  
ED.)

(SEE ATTACHMENT)

C G T ST

HA NOI SAM SITE B04A-2 (186)

VN 2118N 10602E NO COMOR

SITE IS UNOCCUPIED.

C G T ST

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**Air  
Facilities**

BLACK SHIELD X003, 10 JUN 67

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25X1

AIR FACILITIES

LING-SHUI AIRFIELD

CH 1829N 10959E

IDENTIFICATION ONLY.

H P T ST

HAIPHONG/CAT BI AIRFIELD

VN 2049N 10643E

IDENTIFICATION ONLY.

H,O F T ST

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

IDENTIFICATION ONLY.

SC,O P PT NS

HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

OB -- NONE OBSERVED.

C,O G T ST

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

OB -- 13 FAGOT/FRESCO, 2 CRATE (1 WITHOUT LEFT WING), 7 COLT, 1 CREEK, 1 HOOK, 1 HOUND, AND 1 CRATE FUSELAGE.

C,O G T ST

PHUC YEN AIRFIELD

VN 2113N 10548E

OB -- 1 POSSIBLE BEAGLE, 13 FISHBED, 8 FAGOT/FRESCO (1 LOCATED AT UTM WH876537 AND 1 LOCATED AT WH877534), AND 3 SMALL DELTA WING DUMMY/DECOY.

C,O G T ST

SECRET

~~SECRET~~

BLACK SHIELD X003, 10 JUN 67

R-115/67 25X1

KEP AIRFIELD

VN 2124N 10616E

OB -- 1 SMALL SWEPT/DELTA WING.

H<sub>2</sub>O P T ST

HOA LAC AIRFIELD

VN 2101N 10531E

OB -- 3 SMALL POSSIBLE AIRCRAFT.

H<sub>2</sub>O P T ST

THO KHOI HELICOPTER DIS AREA

VN 2100N 10554E

NO COMOR

A HELICOPTER DISPERSAL AREA IS LOCATED 2.2 NM SE OF  
HANDI/GIA LAM AIRFIELD ON THE EAST EDGE OF THE VILLAGE  
OF THO KHOI.

OB -- 7 HOUND.

C G T ST

HA NOI HELICOPTER DIS AREA

VN 2105N 10549E

NO COMOR

A HELICOPTER DISPERSAL AREA IS LOCATED 4.5 NM NORTH OF  
HA NOI AT UTM WJ864328.

OB -- 4 HOOK.

C G T ST

~~SECRET~~



**Naval  
Activity /  
Ports**

SECRET

BLACK SHIELD X003, 10 JUN 67

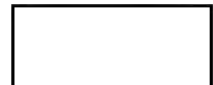
R-115/67

25X1

NAVAL ACTIVITY/PORTS

HAI PHONG PORT FACILITIES

VN 2052N 10642E



IDENTIFICATION ONLY.

H, O P T ST

SECRET

**Electronics/  
Communications**

SECRET

BLACK SHIELD X003, 10 JUN 67

R-115/67

ELECTRONICS/COMMUNICATIONS

HA DONG AW/GCI RADAR FACILITY VN 2059N 10543E NO COMOR

OB -- 1 BAR LOCK-TYPE RADAR, 1 POSSIBLE SIDE NET RADAR,  
AND AT LEAST 6 UNIDENTIFIED VEHICLES.

C P T ST

TANG MY AW/GCI RADAR FACILITY VN 2110N 10547E NO COMOR

OB -- 1 BAR LOCK-TYPE RADAR, AND 1 POSSIBLE SIDE NET  
RADAR.

H F T ST

SECRET

**Military  
Activity**

SECRET

BLACK SHIELD X003, 10 JUN 67

R-115/67

25X1

MILITARY ACTIVITY

HO-KOU ARMY BARRACKS NORTH

CH 2232N 10357E

1.8 NM NORTH OF HO-KOU.  
CAMP CONTAINS 13 BARRACK, 1 ADMINISTRATION, 3 MESSHALL,  
4 VEHICLE MAINTENANCE, 28 STORAGE, AND 27  
STORAGE/SUPPORT BUILDINGS AND 12 SHEDS/TENTS.

OB -- 6 TRUCKS.

C G T ST

THAI NGUYEN ARMY SUPPLY DEPOT NORTH

VN 2138N 10551E

INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR  
STRIKES. AT LEAST 15 WAREHOUSES APPEAR DESTROYED, 2  
ARE HEAVILY DAMAGED AND THE REMAINING BUILDINGS ARE  
MODERATELY DAMAGED. SCALE AND OBLIQUITY LIMIT  
INTERPRETABILITY.

C, D F T ST

BAC GIANG ARMY BARRACKS NE DINH XUYEN

VN 2117N 10612E

IDENTIFICATION ONLY.

HC P PT PS

HA NOI/LAO CAI RR SEGMENT 2

VN 2200N 10433E

SEGMENT OBSERVED FROM 2209N 10422E TO 2214N 10417E. NO  
NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY  
ACTIVITY OR TRAFFIC OBSERVED.

C F PT PS

HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

ENTIRE RAIL SEGMENT OBSERVED. FIFTEEN PIECES OF  
ROLLING STOCK AND 1 LOCOMOTIVE TRAVELING NW OBSERVED AT  
2223N 10406E. THE LAO CAI RAILROAD CLASSIFICATION YARD  
CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK. NO NEW  
CONSTRUCTION, COMMUNICATION FACILITIES, OR MILITARY  
ACTIVITY NOTED.

SECRET

SECRET

BLACK SHIELD X003, 10 JUN 67

R-115/67

C G T ST

25X1

HA NOI/LAO CAI RR SEGMENT 4

VN 2120N 10520E

SEGMENT COVERED FROM 212018N 1052200E TO 212800N 1050600E. AT LEAST 35 PIECES OF ROLLING STOCK OBSERVED AT 212154N 1051736E. AT LEAST 20 PIECES OF ROLLING STOCK OBSERVED AT 212400N 1051336E IN THE PHU THO RAIL YARD. OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY.

C G PT PS

HA NOI/LAO CAI RR SEGMENT 5

VN 2110N 10548E

NO SIGNIFICANT ACTIVITY NOTED ON SEGMENT 5.

C G PT ST

HO-KOU VEHICLE PARKS

CH 2232N 10356E

NO COMOR

APPROXIMATELY 2.5 NM NW OF HO-KOU. THREE VEHICLE PARKS CONTAIN 3 BARRACKS, 8 VEHICLE SHEDS, 18 STORAGE/SUPPORT BUILDINGS AND SEVERAL SMALL SHEDS. (TWO OF THE VEHICLE PARKS WERE PREVIOUSLY REPORTED UNDER HO-KOU ARMY BARRACKS NORTH, [REDACTED])

DB -- 24 TRUCKS AND 8 PROBABLE TRUCKS EACH WITH A PIECE OF EQUIPMENT OR TRAILER IN TOW. THE 8 PROBABLE TRUCKS ARE PARKED ON THE ROAD.

C G T ST

LANG NHON U/I CONSTR ACTIVITY

VN 2224N 10401E

NO COMOR

NO APPARENT CHANGE SINCE [REDACTED]

C G T ST

THAI NGUYEN U/I RAIL SERVED ACTIVITY

VN 2128N 10553E

THAI NGUYEN UNIDENTIFIED RAIL-SERVED ACTIVITY IS LOCATED 25 NM NORTH OF HA NOI AND 8 NM SOUTH OF THAI

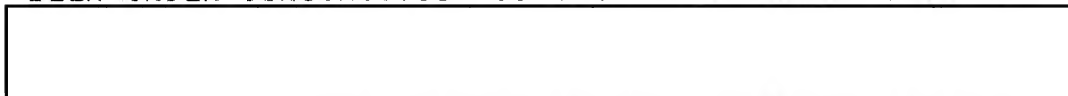
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BLACK SHIELD X003, 10 JUN 67

R-115/67

NGUYEN AT UTM WJ916745. THE AREA IS SITUATED IN RELATIVELY LEVEL TERRAIN THAT IS MOSTLY COVERED WITH RICE PADDIES AND SMALL TREES. THE INSTALLATION HAS BEEN UNDER CONSTRUCTION SUBSEQUENT TO MARCH 1966 AND



THE INSTALLATION CONSISTS OF A RAIL SIDING EXTENDING GENERALLY SE FROM THE HA NOI/THAI NGUYEN RAIL LINE AND TERMINATING IN 3 SPURS. AN OBLONG, CIRCULAR ROAD EXTENDS FROM THE TERMINUS OF THE EASTERMOST SPUR AND CIRCLES BACK AROUND, CONNECTING ALL 3 SPURS. THE DISTANCE AROUND THE CIRCULAR ROAD IS APPROXIMATELY 2 KILOMETERS. IN ADDITION, A NEW ROAD CONNECTS THE CIRCULAR ROAD WITH THE HA NOI/THAI NGUYEN HIGHWAY (ROUTE 3). THE CLEARED AREAS AT THE TERMINUS OF EACH SPUR ARE UNUSUALLY WIDE, APPARENTLY PROVIDING SPACE FOR AN OFF-LOADING CAPACITY. A FOURTH SPUR IS UNDER CONSTRUCTION IN THE AREA WHERE THE OTHER 3 SPURS BRANCH OFF FROM THE SIDING. CONSTRUCTION HAS NOT PROGRESSED TO THE POINT WHERE IT CAN BE DETERMINED WHETHER THIS FOURTH SPUR WILL BE OF IDENTICAL ORIENTATION AS THE OTHER 3. THERE ARE AT LEAST 4 CLEARINGS LOCATED ALONG THE CIRCULAR ROAD PATTERN IN ADDITION TO NUMEROUS CUTS THAT BRANCH FROM THE ROAD AND EXTEND INTO THE HILLS SURROUNDING THE INSTALLATION. A SMALL BUILDING IS SITUATED IN EACH OF THE CUT AREAS. LINEAR SCARS ARE EVIDENT THROUGHOUT THE AREA CONNECTING THE NUMEROUS CLEARED AREAS WITH A HILLTOP CLEARING. ROLLING STOCK ON THE RAIL SPURS CONSISTS OF 4 GONDOLA CARS.

C G T ST

SECRET



## **Complexes**

SECRET

BLACK SHIELD X003, 10 JUN 67

R-115/67

25X1

COMPLEXES

BAC GIANG COMPLEX

VN 2117N 10612E

IDENTIFICATION ONLY.

HC P PT PS

LAI CHAU COMPLEX

VN 2203N 10309E

COMPLEX LOCATED ON THE SOUTH BANK OF THE BLACK RIVER CONTAINS APPROXIMATELY 20 PROBABLE STORAGE AREAS/MILITARY CAMPS/CONSTRUCTION CAMPS WITHIN A 5 NM RADIUS OF THE CENTER OF THE COMPLEX. A NEW ROAD IS UNDER CONSTRUCTION PARALLELING THE EAST BANK OF THE NAM LAI (RIVER) SOUTH OF THE COMPLEX. ROAD CONSTRUCTION IS ALSO LOCATED ON BOTH BANKS OF THE BLACK RIVER IN THE VICINITY OF 220430N 1031045E. THE AIRFIELD IS ABANDONED AND THE SITE HAS BEEN RETURNED TO CULTIVATION. SEVERAL ACTIVE DEFENSES OBSERVED IN AREA.

TUYEN QUANG COMPLEX

VN 2148N 10512E

NO APPARENT CHANGE IN FACILITIES SINCE

C P T ST

LAO CAI COMPLEX

VN 2231N 10359E

RAIL YARD CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK, APPROXIMATELY 20 PERCENT OF THE YARD CAPACITY.

C G T ST

YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

MOST LINES WITHIN RAIL YARDS APPEAR REPAIRED AND SERVICEABLE SINCE AIR STRIKE. APPROXIMATELY 75 PIECES OF ROLLING STOCK OBSERVED WITHIN YARD. ALL STRUCTURES (7 STORAGE BUILDINGS, AND 2 SUPPORT BUILDINGS) ARE DESTROYED IN RAIL-SERVED SECURED STORAGE AREA AT UTM WJ953312. ALL STRUCTURES (16 LARGE WAREHOUSES) ARE DESTROYED/DISMANTLED IN WAREHOUSE AREA AT UTM WJ961318. FENCED AREA NE OF RAIL YARD UTM WJ961318 CONTAINS 9

SECRET

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BLACK SHIELD X003, 10 JUN 67

R-115/67

LARGE WAREHOUSES (7 DESTROYED), 7 VEHICLE SHEDS (6 DESTROYED), AND 3 RAIL-SERVED STORAGE BUILDINGS (2 DESTROYED).

C G T ST

SECRET

## **Attachments**

SECRET

NPIC R 115 67

ATTACHMENT 1



YEN BAI SAM SITE 193, NORTH VIETNAM

SECRET

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NPIC R 1 5 '67

ATTACHMENT 2



YEN BAI SAM SITE 1961 NORTH VIETNAM

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NPIC L-3356

ATTACHMENT 3



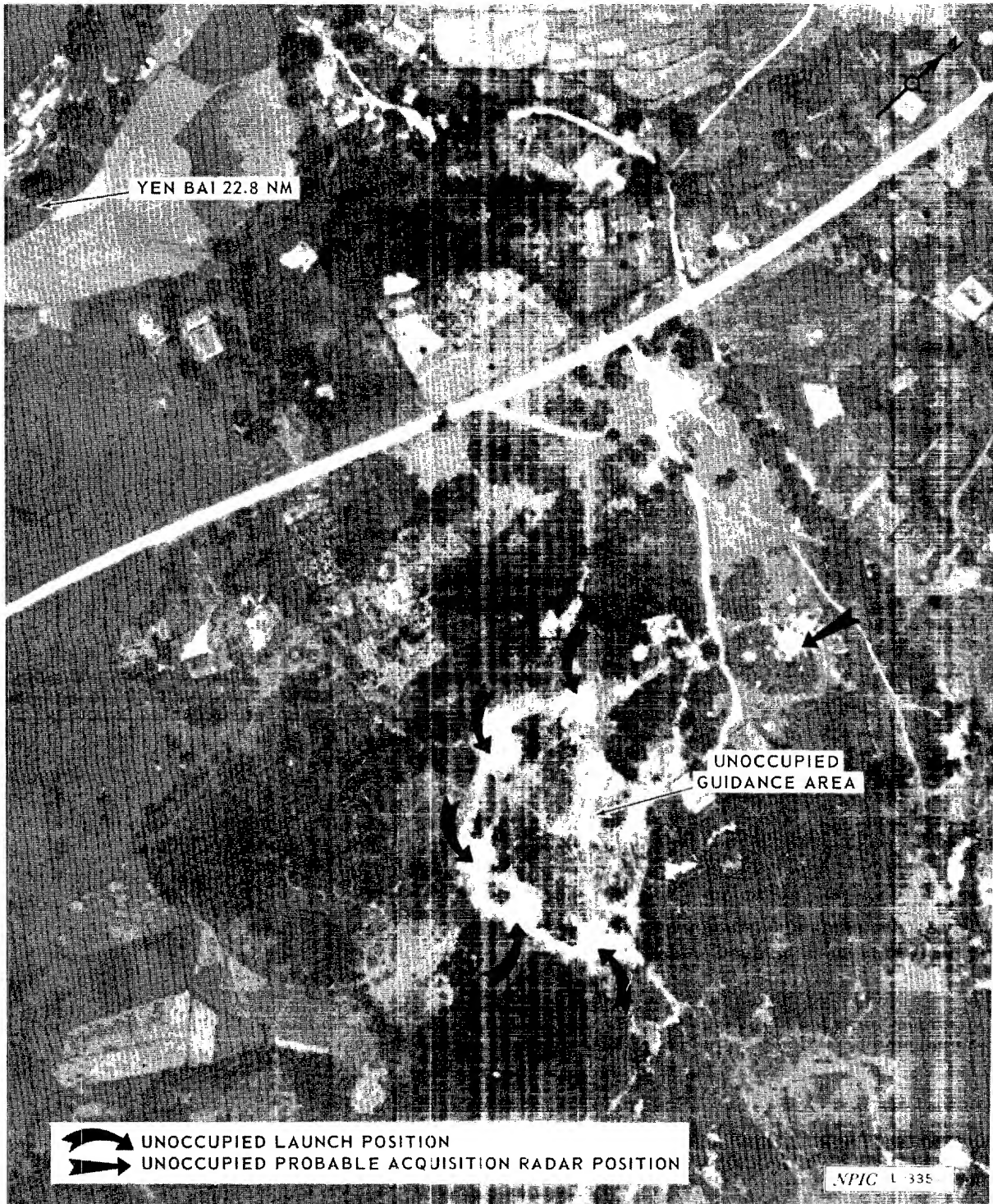
HA NOI SAM SITE 175 NORTH VIETNAM

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NPIC 1 335

ATTACHMENT 4



YEN BAI SAM SITE 1967 NORTH VIETNAM

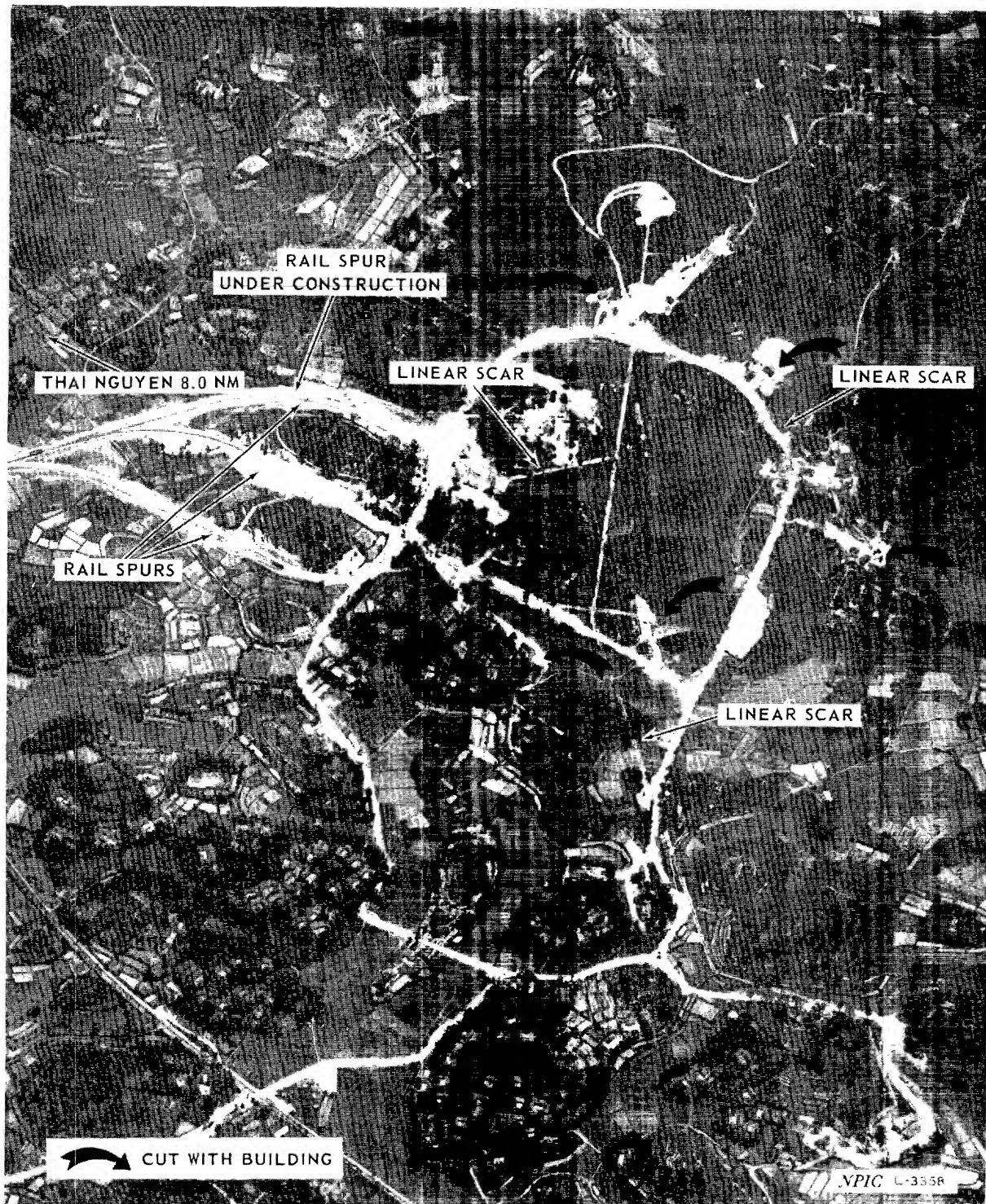
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NPIC R 115 '67

ATTACHMENT 5



UNIDENTIFIED RAIL-SERVED ACTIVITY, THAI NGUYEN AREA, NORTH VIETNAM

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SECRET

Copy 7 of 11

20 June 1967

EDD  
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NM  
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MEMORANDUM FOR THE RECORD

SUBJECT: BSX-003 Imagery

1. A review of the items contained in the message IPIR and the IPIR for Mission BSX-003 flown on 10 June 1967 reveals the following data relative to imagery quality. Of the frames reported, 57% were rated good, 26% fair and 16% poor, and the remainder not rated.

2. Attached herewith is a listing of all of the "poor" imagery contained in the cable IPIR and in the IPIR for the mission.

3. There is little correlation between the frames/items rated "poor" quality and aircraft perturbations. There is almost complete correlation between the "poor" imagery and reported contributing factors such as weather and obliquity.

Deputy for  
Research and Development

Attachment -  
As stated above

D/R&D/OSA (20 June 67)

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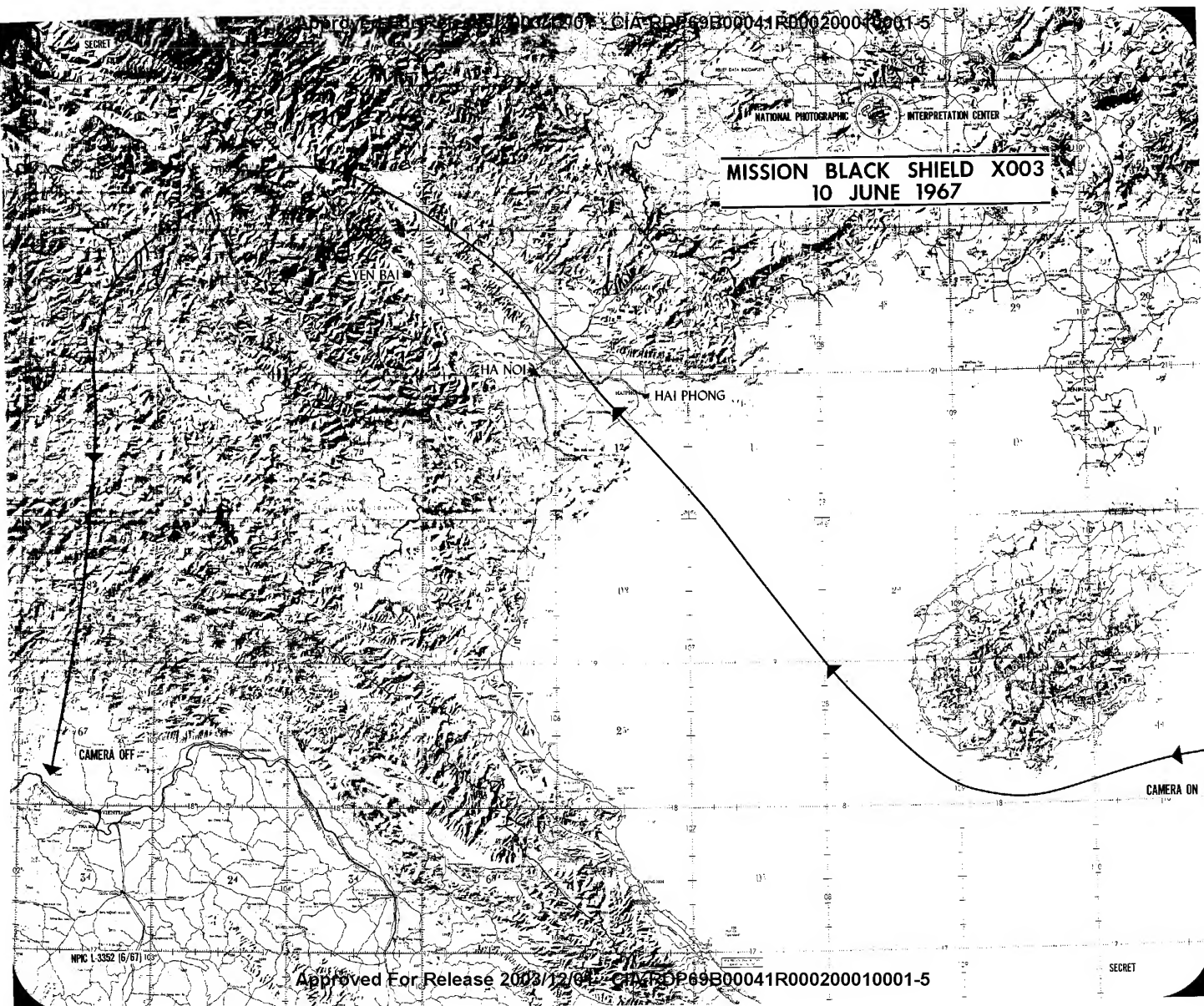
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| Cy 1 - D/SA     | 8 - SSD/OSA           |
| 2 - DD/SA       | 9 - D/R&D/OSA         |
| 3 - D/O/OSA     | 10 - D/R&D/OSA Chrono |
| 4 - D/M/OSA     | 11 - RB/OSA           |
| 5 - CCMP/OSA    |                       |
| 6 - OXC/O/OSA   |                       |
| 7 - INTEL/O/OSA |                       |

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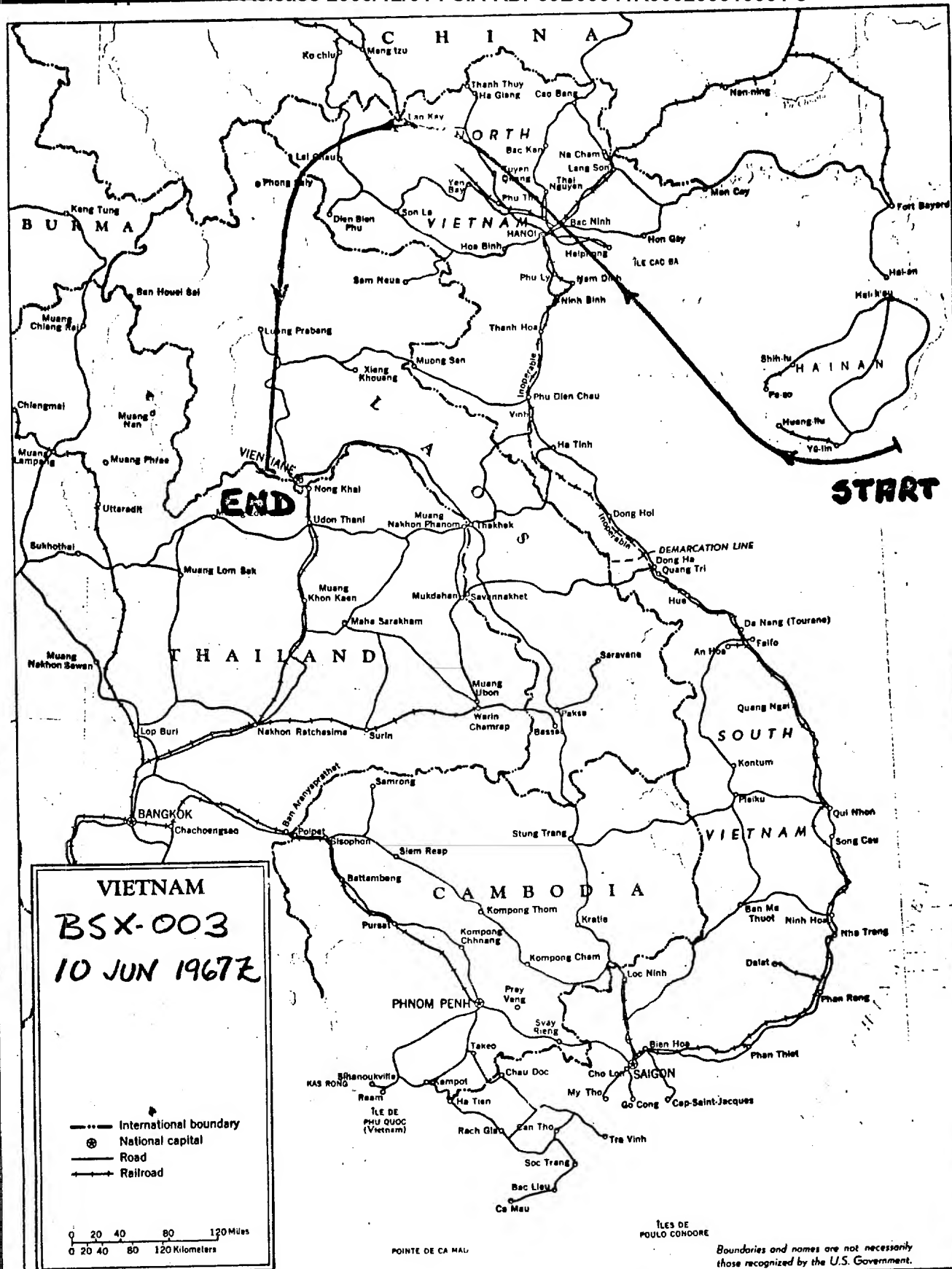
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 RUAUNJ RUCIFTA RUCIOHA RUCSAAA RUCVAAA RUEDDBA RUEDFIF RUEDHQA  
 RUEDNBA RUEDPVA RUEHC RUENAAA RUEPDA RUEPIA RUEPJS RUEPWS RUHHABA  
 RUHHASA RUHHBRA RUHHFMA RUHHHQA RUHLHS RUMABA RUMBAN RUMBDF RUMBDFG  
 RUMBSL RUMFCR RUMFM RUMFUE RUMFUV RUMGUL RUMHAW RUMHPB RUMJFS  
 RUMJIR RUMKAH RUMKAI RUMKAK RUMNAH RUMNVB RUMSAF RUMSAL RUMSBJ  
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RUEPJS/NIC

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S E C R E T CITE NPIC 0916.

SECTION ONE OF TWO

CPIR:NPIC SER:F00327 BSX MSN:000003 10JUN67H

DAY PHOTO. CAMERA ON/OFF TIMES UNK. FRAME NUMBERS WILL BE  
 DISSEMINATED AT A LATER DATE. PACOM NORTH VIETNAM CPFL ICOD  
 14 APR 67.

THIS IS A BLACK SHIELD MESSAGE.

PART I. SIGNIFICANT PHOTO INTERPRETATIONS

D. NEW TARGETS AND SIGNIFICANT CHANGES

ITM01:VN SSM MISSILE SEARCH SGM:NONE CTY:VN 000000N0000000E  
 RMK:PRELIMINARY SCAN REVEALS NO EVIDENCE OF OFFENSIVE SURFACE-  
 TO-SURFACE MISSILE EQUIPMENT OR FACILITIES.  
 25X1 BEN [REDACTED] CAT:UNK CMR:NONE WXR:CLEAR CVG:PARTIAL  
 QAL:GOOD SCL:PAN

ITM02:YEN BAI SAM SITE 193 (NEW) SGM:UNK CTY:VN 214120N1052203E  
 DES:SITE NO. 193 APPEARS TO BE IN THE PROCESS OF BEING  
 OCCUPIED. SITE IS LOCATED 27 NM EAST OF YEN BAI AT UTM  
 WJ380982 AND CONSISTS OF 2 OCCUPIED UNREVETTED LAUNCH  
 POSITIONS, 1 UNOCCUPIED UNREVETTED LAUNCH POSITION, AND A  
 PARTIALLY REVETTED CENTRAL GUIDANCE AREA WITH AT LEAST 3  
 VANS AND A POSSIBLE GUIDANCE RADAR. NO OTHER MISSILES OR  
 MISSILE-ASSOCIATED EQUIPMENT OBSERVED.  
 MIS:2 SA-2 MISSILES.  
 ELC:POSSIBLE GUIDANCE RADAR WITH 3 VANS.  
 25X1 BEN [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL  
 QAL:GOOD SCL:PAN

ITM03:YEN BAI SAM SITE 194 (NEW) SGM:UNK CTY:VN 214646N1051352E  
 DES:SITE IS LOCATED 20.5 NM ENF OF YEN BAI AT UTM WK239022  
 AND CONSISTS OF 6 OCCUPIED UNREVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED UNREVETTED CENTRAL GUIDANCE AREA.  
 MIS:6 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 25X1 BEN [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL  
 QAL:GOOD SCL:PAN



25X1 ITM04:HA NOI SAM SITE B12-2 (3) SGM: [REDACTED] CTY:VN 210420N1054100E 25X1  
 RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS:6 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL 25X1  
 QAL:GOOD SCL:PAN

25X1 ITM05:HA NOI SAM SITE A29-2 (4) SGM: [REDACTED] CTY:VN 210420N1054100E 25X1  
 RMK:SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED CENTRAL GUIDANCE AREA.  
 MIS:4 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL 25X1  
 QAL:GOOD SCL:PAN

25X1 ITM06:HA NOI SAM SITE B04-2 (5) SGM:UNK CTY:VN 211135N1055900E  
 RMK:SITE CONSISTS OF AT LEAST 5 OCCUPIED REVETTED LAUNCH  
 POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS:5 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXP:CLEAR CVG:TOTAL 25X1  
 QAL:FAIR SCL:PAN

25X1 ITM07:HA NOI SAM SITE A11-2 (9) SGM: [REDACTED] CTY:VN 210033N1055545E 25X1  
 RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS:6 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL 25X1  
 QAL:GOOD SCL:PAN

25X1 ITM08:HA NOI SAM SITE A10-2 (14) SGM: [REDACTED] CTY:VN 210112N1055850E 25X1  
 RMK:SITE CONSISTS OF 5 OCCUPIED AND 1 UNOCCUPIED REVETTED  
 LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
 AREA.  
 MIS:5 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL 25X1  
 QAL:GOOD SCL:PAN

25X1 ITM09:HA NOI SAM SITE A19-2 (15) SGM: [REDACTED] CTY:VN 205533N1055045E 25X1  
 RMK:SITE CONSISTS OF 5 OCCUPIED AND 1 UNOCCUPIED REVETTED  
 LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
 AREA.  
 MIS:5 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL 25X1  
 QAL:GOOD SCL:PAN

25X1 ITM10:HA NOI SAM SITE A24-2 (19) SGM:UNK CTY:VN 205654N1054351E  
 RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS:6 SA-2 MISSILES.  
 ELC:GUIDANCE RADAR.  
 BEN: [REDACTED] WXR:CLEAR CVG:TOTAL  
 QAL:GOOD SCL:PAN

BT

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 RUAUNJ RUCIFTA RUCIHOA RUCSAAA RUCVAAA RUEDDBA RUEDFIF RUEDHQA  
 RUEDNBA RUEDPVA RUEHC RUENAAA RUEPDA RUEPIA RUEPJS RUEPWS RUHHABA  
 RUHHASA RUHHBRA RUHHFMA RUHHHQA RUHLHS RUMABA RUMBAN RUMBDF RUMPDFG  
 RUMBSL RUMFCR RUMFM RUMFUE RUMFUV RUMGUL RUMHAW RUMHPB RUMJFS  
 RUMJIR RUMKAH RUMKAI RUMKAK RUMNAH RUMNVB RUMSAF RUMSAL RUMSBJ  
 RUMSMA RUWBKNA RUWMDDA

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RUEPJS/NIC

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SECRET CITE NPIC 0916.

FINAL SECTION OF TWO

ITM11:HAI PHONG SAM SITE A29A-2 (37)SGM [REDACTED] CTY:VN 205311N1063120E

25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] WXR:HAZE

CVG:TOTAL

QAL:FAIR SCL:PAN

ITM12:HA NOI SAM SITE B33-2 (64) SGM: [REDACTED] CAT:VN 211034N1054407E

25X1

RMK:SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,

1 UNOCCUPIED REVETTED LAUNCH POSITION, AND A REVETTED OCCUPIED  
 CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] WXR:CLEAR

CVG:TOTAL

QAL:FAIR SCL:PAN

ITM13:HAI PHONG SAM SITE A31-2 (70)SGM:UNK CTY:VN 205435N1063615E

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] WXR:HAZE

CVG:TOTAL

QAL:FAIR SCL:PAN

25X1

ITM14: HAI PHONG SAM SITE A02-2 (85) SGM: [REDACTED] CTY: VN 205600N1064225E  
 RMK: SITE CONSISTS OF 4 OCCUPIED, 1 PROBABLY OCCUPIED, AND 1  
 UNOCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED  
 CENTRAL GUIDANCE AREA.  
 MIS: 4 SA-2 AND 1 PROBABLE SA-2 MISSILES.  
 ELC: GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: HAZE CVG: TOTAL  
 QAL: FAIR SCL: PAN

ITM15: HAI PHONG SAM SITE A02-2 (85) SGM: [REDACTED] CTY: VN 205600N1064225E

25X1

RMK: SITE CONSISTS OF AT LEAST 3 POSSIBLE OCCUPIED REVETTED  
 LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL  
 GUIDANCE AREA.  
 MIS: AT LEAST 3 POSSIBLE SA-2 MISSILES.  
 ELC: POSSIBLE GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: HAZE CVG: TOTAL  
 QAL: POOR SCL: PAN

ITM16: HAI PHONG SAM SITE A33A-2 (93) SGM: [REDACTED] CTY: VN 205435N1063850E

25X1

RMK: SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH  
 POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL GUIDANCE  
 AREA.  
 MIS: 6 POSSIBLE SA-2 MISSILES.  
 ELC: POSSIBLE GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: HAZE CVG: TOTAL  
 QAL: POOR SCL: PAN

ITM17: HA NOI SAM SITE A01-2 (133) SGM: [REDACTED] CTY: VN 210754N1055203E

25X1

RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS: 6 SA-2 MISSILES.  
 ELC: GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: CLEAR CVG: TOTAL  
 QAL: GOOD SCL: PAN

ITM18: HA NOI SAM SITE A31-2 (159) SGM: [REDACTED] CTY: VN 210443N1054616E

25X1

RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
 MIS: 6 SA-2 MISSILES.  
 ELC: GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: CLEAR CVG: TOTAL  
 QAL: GOOD SCL: PAN

ITM19: HA NOI SAM SITE B16-2 (162) SGM: [REDACTED] CTY: VN 204928N1055755E

25X1

RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 WITH PROBABLE MISSILES AND AN OCCUPIED REVETTED CENTRAL  
 GUIDANCE AREA.  
 MIS: 6 PROBABLE SA-2 MISSILES.  
 ELC: GUIDANCE RADAR.

25X1 BEN [REDACTED] WXR: HAZE CVG: TOTAL  
 QAL: FAIR SCL: PAN

GP-1

BT

JUN 12 1967

EIJ948EUA165JUA084

\*\*\*\*\*ZZ RUEPIA

DE RUEPJU 46 1631316

ZNY SSSSS

Z 121810Z JUN 67

FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

S E C R E T CITE NPIC 2918.

CONTINUING SCAN BY NPIC OF MISSION 354 003 OF 10 JUNE 1967  
REVEALS A NEWLY IDENTIFIED SA-2 SAM SITE (197) UNDER CONSTRUCTION  
LOCATED 24.0 NM NNE OF YEN BAI AT 21 45 10N-105 42 19E (UTM  
WK040385). SITE CONSISTS OF FIVE PARTIALLY REVEALED UNOCCUPIED  
LAUNCH POSITIONS, UNREVEALED, UNOCCUPIED GUIDANCE AREA. PROBABLY  
UNOCCUPIED ACQUISITION RADAR POSITION LOCATED IMMEDIATELY NORTH  
OF SAM SITE. NO MISSILES OR MISSILE ASSOCIATED EQUIPMENT  
OBSERVED. (BB).

MAP REF: AMS SERIES L7014, SHEET 6253 III.

GP-1

BT

NNNN

SDC  
Handwritten initials and a checkmark.

2

JUN 12 1967

EIJ948EUA165JUA084

\*\*\*\*\*ZZ RUEPIA

DE RUEPJU 46 163131G

ZNY SSSSS

Z 131810Z JUN 67

FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

S E C R E T CITE NPIC 0918.

CONTINUING SCAN BY NPIC OF FIVE SAM SITES ON 12 JUNE 1967  
REVEALS A NEWLY IDENTIFIED SA-2 SAM SITE (197) UNDER CONSTRUCTION  
LOCATED 24.3 NM NNE OF YON BAI AT 22 40 00N 105 42 19E (UTM  
WK840385). SITE CONSISTS OF FIVE UNREVEITED UNOCCUPIED  
LAUNCH POSITIONS, UNREVEITED, UNOCCUPIED SAM ALCE AREA. FROM 197  
UNOCCUPIED ACQUISITION RADAR POSITION LOCATED IMMEDIATELY NORTH  
OF SAM SITE. NO MISSILES OR MISSILE ASSOCIATED EQUIPMENT  
OBSERVED. (BB).

MAP REF: AMS SERIES L7214, SHEET 5750 III.

GP-1

BT

NNNN

3

03 07:67

BSX003

2

EIJ008 EUA291RED838

PP RUEPIA

DE RUEPJU 52 1640315

ZNY SSSSS

P 130300Z JUN 67

FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

S E C R E T SECTION SIX OF EIGHT CITE NPIC 0925

NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 3 UNREVIEWED

LAUNCH POSITIONS, 1 POSSIBLE UNREVIEWED LAUNCH

POSITION, AND AN UNREVIEWED CENTRAL BUILT-UP AREA. NO

MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 5151-1, 1ST  
ED.)

C G T ST

YEN BAI SAM SITE 197 -- VN 2205N 10500E NO COMOR

22.8 NM NNE OF YEN BAI AT UTM WK242381.

NEWLY IDENTIFIED SITE UNDER CONSTRUCTION CONSISTS OF 5

PARTIALLY REVIEWED UNOCCUPIED LAUNCH POSITIONS, AN

UNREVIEWED UNOCCUPIED GUIDANCE AREA, AND A PROBABLE

UNOCCUPIED ACQUISITION RADAR POSITION IMMEDIATELY NORTH

OF THE SITE. NO MISSILES OR MISSILE-ASSOCIATED

EQUIPMENT OBSERVED.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6055-III, 1ST  
ED.)

C G T ST

HA NOI SAM SITE B04A-2 (136) VN 2118N 106 2E NO COMOR

SITE IS UNOCCUPIED.

C G T ST

## AIR FACILITIES

LING-SHUI AIRFIELD (CH 1829N 10938E)

IDENTIFICATION ONLY.

H P T ST

HAIPHONG/CAT BI AIRFIELD (VN 2049N 10647E)

IDENTIFICATION ONLY.

H,O F T ST

HAIPHONG/KIEN AN AIRFIELD (VN 2049N 10647E)

IDENTIFICATION ONLY.

SC,O P PT NS

HANOI/BAC MAI AIRFIELD (VN 2105N 10551E)

OB -- NONE OBSERVED.

C,O G T ST

HANOI/GIA LAM AIRFIELD (VN 2115N 10543E)

OB -- 13 FAGOT/FRESCO, 2 CRATE (1 CRATE LEFT (ING), 7

COLT, 1 CREEK, 1 HOOK, 1 HOUND, AND CRATE FUSILAGE.

C,O G T ST Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

PHUC YEN AIRFIELD (VN 2115N 10543E)

25X1

25X1

2

25X1

25X1

*BEST COPY*

*Available*

*THROUGHOUT  
FOLDER*

6/24/98

3 SMALL DELTA WING DUMMY/DECOY.

C, O G T ST

KEP AIRFIELD (V) 2124N 10510E [REDACTED]

OB -- 1 SMALL SWEEP/DELTA WING.

H, O P T ST

HOA LAC AIRFIELD (V) 2141N 10511E [REDACTED]

OB -- 3 SMALL POSSIBLE AIRCRAFT.

H, O P T ST

THO KHOI HELICOPTER DIS AREA (V) 2130N 10554E (NO COMOR)

A HELICOPTER DISPERSAL AREA IS LOCATED 1.2 NM SE OF HANOI/GIA LAM AIRFIELD ON THE EAST SIDE OF THE VILLAGE OF THO KHOI.

OB -- 7 FOUND.

C G T ST

HA NOI HELICOPTER DIS AREA (V) 2131N 10547E (NO COMOR)

A HELICOPTER DISPERSAL AREA IS LOCATED 1.5 NM NORTH OF

HA NOI AT UTM WJ86432R.

OB -- 4 HOOK.

C G T ST

NAVAL ACTIVITY/PORTS

HAI PHONG PORT FACILITIES (V) 2101N 10542E [REDACTED]

IDENTIFICATION ONLY.

H, O P T ST

ELECTRONICS/COMMUNICATIONS

HA DONG AN/GCI RADAR FACILITY (V) 2154N 10545E (NO COMOR)

OB -- 1 BAR LOCK-TYPE RADAR, 1 POSSIBLE SIDE NET RADAR, AND AT LEAST 6 UNIDENTIFIED VEHICLES.

C P T ST

TANG MY AN/GCI RADAR FACILITY (V) 2121N 10547E (NO COMOR)

OB -- 1 BAR LOCK-TYPE RADAR, AND 1 POSSIBLE SIDE NET RADAR.

H F T ST

MILITARY ACTIVITY

HO-KOU ARMY BARRACKS NORTH (C) 2321 1057E [REDACTED]

1.8 NM NORTH OF HO-KOU.

CAMP CONTAINS 13 BARRACK, 1 ADMINISTRATION, 3 MESSHALL, 4 VEHICLE MAINTENANCE, 28 STORAGE, AND 27

STORAGE/SUPPORT BUILDINGS AND 12 SHEDS/TENTS.

OB -- 6 TRUCKS.

BT

NNNN

25X1

25X1

2

25X1

2

25X1



DATE 134500  
BSX

EIH361V EUA284JUA105

PP RUEPIA

DE RUEPJU 51 1640315

ZNY SSSSS

P 130300Z JUN 67

FM NPIC WASHDC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

SECRET SECTION FIVE OF EIGHT CITE NPIC 0325

HA NOI SAM SITE B32-2 (146) VN 2105N 10555E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B07A-2 (148) VN 2106N 10508E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C17-2 (147) VN 2055N 10631E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A31-2 (159) VN 2044N 10546E

SITE CONSISTS OF 6 OCCUPIED REVEITED LAUNCH POSITIONS

AND AN OCCUPIED REVEITED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE C17A-2 (161) VN 2137N 10557E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B16-2 (162) VN 2043N 10557E

SITE CONSISTS OF 6 OCCUPIED REVEITED LAUNCH POSITIONS

WITH PROBABLE MISSILES AND AN OCCUPIED REVEITED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH 6 PROBABLE MISSILES AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

H F T ST

HA NOI SAM SITE C17B-2 (165) VN 2133N 10640E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C16-2 (166) VN 2041N 10605E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A05-2 (158) VN 2040N 10558E

SITE IS UNOCCUPIED.

2

2

25X1

25X1

25X1

25X1

25X1

C G T NS

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25X1

HA NOI SAM SITE D31C-2 (151) VN 2122N 10615E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C05B-2 (171) VN 2122N 10615E

IDENTIFICATION ONLY.

H F T ST

HA NOI SAM SITE B27-2 (180) VN 2055N 10538E

SITE IS UNOCCUPIED.

H F T ST

YU-LIN CSTL DEF & RADAR SITE CH 1801N 10909E

IDENTIFICATION ONLY.

H P T ST

CAT BA COASTAL DEFENSE SITE NO. 1 VN 2043N 10703E

IDENTIFICATION ONLY.

H,O P T ST

YEN BAI SAM SITE 193 VN 2141N 10522E NO CONOR

27.1 NM EAST OF YEN BAI AT UTM WK230000

NEWLY IDENTIFIED SITE CONSISTS OF 4 OCCUPIED UNREVIEWED LAUNCH POSITIONS, 1 UNOCCUPIED UNREVIEWED LAUNCH POSITION, AND A PARTIALLY REVIEWED CENTRAL GUIDANCE AREA WITH AT LEAST 3 VANS AND A POSSIBLE GUIDANCE RADAR. NO OTHER MISSILES OR MISSILE ASSOCIATED EQUIPMENT OBSERVED.

OB -- 2 LAUNCHERS WITH MISSILES AND 1 POSSIBLE GUIDANCE RADAR WITH AT LEAST 3 VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-II, 1ST ED.)

C G T ST

YEN BAI SAM SITE 194 VN 2146N 10512E NO CONOR

20.5 NM ENE OF YEN BAI AT UTM WK230000

NEWLY IDENTIFIED SITE CONSISTS OF 6 OCCUPIED UNREVIEWED LAUNCH POSITIONS AND AN OCCUPIED UNREVIEWED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND 1 GUIDANCE RADAR WITH ASSOCIATED VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-IV, 1ST ED.)

C G T ST

HWJ00379AM SITE 195 VN 2130N 10512E NO CONOR 30 NM NORTH OF HANOI AT UTM

BT

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PP RUEPIA

DE RUEPJU 50 1640315

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P 130300Z JUN 67

FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

S E C R E T SECTION FOUR OF EIGHT SITE NPIC 0925

SITE IS UNOCCUPIED.

C G I ST

HA NOI SAM SITE C11-2 (34) VN 2059 18615E

SITE IS UNOCCUPIED.

C G I ST

HA NOI SAM SITE C12-2 (38) VN 2052 18611E

SITE IS UNOCCUPIED.

C G I ST

HA NOI SAM SITE C30D-2 (92) VN 2111 19533E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE B07-2 (95) VN 2108 19505E

SITE IS UNOCCUPIED.

C G I ST

HA NOI SAM SITE D06-2 (105) VN 2111 19611E

SITE IS UNOCCUPIED.

H,O F T ST

HA NOI SAM SITE C30E-2 (114) VN 2111 19621E

IDENTIFICATION ONLY.

H,O P T ST

BAC CAN SAM SITE C22-2 (75) VN 2111 19536E

SITE IS UNOCCUPIED.

C G I ST

BAC CAN SAM SITE B20-2 (90) VN 2111 19514E

SITE IS UNOCCUPIED.

C G I ST

BAC CAN SAM SITE C20-2 (96) VN 2111 19512E

SITE IS UNOCCUPIED.

C G I ST

HAI PHONG SAM SITE B34-2 (104) VN 2108 19534E

IDENTIFICATION ONLY.

H F T ST

HAI PHONG SAM SITE A14-2 (137) VN 2245N 10643E

IDENTIFICATION ONLY.

H,O F T ST

HAI PHONG SAM SITE D22-2 (152) VN 2245N 10624E

25X1

2

25X1

2

25X1

SITE IS UNOCCUPIED.

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

C G T ST

HA NOI SAM SITE B17A-2 (118) VN 21 10 105 5E

SITE IS UNOCCUPIED.

C O F T ST

HA NOI SAM SITE B01-2 (119) VN 21 10 105 5E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C33-2 (120) VN 21 10 105 37E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B01A-2 (124) VN 21 10 105 53E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE A33-2 (125) VN 21 10 105 6E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE D36A-2 (126) VN 21 10 105 0E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C01B-2 (128) VN 21 10 105 82E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A01-2 (133) VN 21 10 105 52E

SITE CONSISTS OF 6 OCCUPIED REVEILLE LAUNCH POSITIONS

AND AN OCCUPIED REVEILLE CENTRAL GUIDANCE AREA.

6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR

WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE C03-2 (138) VN 21 10 105 00E

SITE IS UNOCCUPIED.

C F T NS

HA NOI SAM SITE C03A-2 (141) VN 21 10 106 02E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A14-2 (142) VN 21 10 105 8E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C32-2 (143) VN 21 10 105 31E

SITE IS UNOCCUPIED.

C G T ST

BT

NNNN

25X1

2

25X1

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25X1

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

EIM375047JUA109  
PP RUEPIA  
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FM NPIC WASH DC  
TO AIG NINE SEVEN SIX  
RUEPJS/DIA PRODCEB  
RUEPJS/NIC  
BT

SDG  
OSA  
0540.4

SECRET FINAL SECTION OF EIGHT CITE NPIC 0925  
CLEARED AREAS WITH A HILLTOP CLEARING, HOLDING STOCK  
ON THE RAIL SPURS CONSISTS OF 4 BONDOLA CARS.  
C G T ST

2

COMPLEX  
BAC GIANG COMPLEX (VN 21174 10612) [REDACTED]  
IDENTIFICATION ONLY.  
HC P PT PS  
LAI CHAU COMPLEX (VN 22030 10509) [REDACTED]

25X1

COMPLEX LOCATED ON THE SOUTH BANK OF THE BLACK RIVER  
CONTAINS APPROXIMATELY 20 PROBABLE STORAGE  
AREAS/MILITARY CAMPS/CONSTRUCTION CAMPS WITHIN A 5 KM  
RADIUS OF THE CENTER OF THE COMPLEX. A NEW ROAD IS  
UNDER CONSTRUCTION PARALLELING THE EAST BANK OF THE NAM  
LAI (RIVER) SOUTH OF THE COMPLEX. ROAD CONSTRUCTION IS  
ALSO LOCATED ON BOTH BANKS OF THE BLACK RIVER IN THE  
VICINITY OF 220430N 1031045E. THE AIRFIELD IS  
ABANDONED AND THE SITE HAS BEEN RETURNED TO  
CULTIVATION. SEVERAL ACTIVE DEFENSES OBSERVED IN AREA.  
TUYEN QUANG COMPLEX (VN 2148N 10512) [REDACTED]

25X1

NO APPARENT CHANGE IN FACILITIES SINCE BLACK SHIELD  
[REDACTED]

2

C P T ST  
LAO CAI COMPLEX (VN 2231N 10359) [REDACTED]  
RAIL YARD CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK,  
APPROXIMATELY 20 PERCENT OF THE YARD CAPACITY.

25X1

C G T ST  
YEN VIEN RR CLASSIFICATION YARD (VN 2110N 10555) [REDACTED]  
MOST LINES WITHIN RAIL YARDS APPEAR DAMAGED AND  
SERVICEABLE SINCE AIR STRIKE. APPROXIMATELY 75 PIECES  
OF ROLLING STOCK OBSERVED WITHIN YARD. ALL STRUCTURES  
(7 STORAGE BUILDINGS, AND 2 SUPPORT BUILDINGS) ARE  
DESTROYED IN RAIL-SERVED SECURED STORAGE AREA AT UTM  
WJ953310. ALL STRUCTURES (16 LARREE WAREHOUSES) ARE  
DESTROYED/DISMANTLED IN WAREHOUSE AREA AT UTM WJ961310.  
FENCED AREA NE OF RAIL YARD UTM WJ961310 CONTAINS 9  
LARGE WAREHOUSES (7 DESTROYED), 7 VEHICLE SHEDS (6  
DESTROYED), AND 3 RAIL-SERVED STORAGE BUILDINGS (2  
DESTROYED).

25X1

C G T ST  
GP-1.  
BT

2

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E H414EUB660ZCZCJUA103

PP RUEPIA

DE RUEPJU 49 1640315

ZNY SSSSS

P 150300Z JUN 67

FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

SECRET SECTION THREE OF EIGHT SITE NPIC 1925

SITE IS UNOCCUPIED.

N F T ST

HAI PHONG SAM SITE C50-2 (72) VN 21111 18110E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C28-2 (73) VN 21111 18117E

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS,

1 PROBABLY OCCUPIED REVETTED LAUNCH POSITION, AND 1

UNOCCUPIED REVETTED LAUNCH POSITION AND AN OCCUPIED

REVETTED CENTRAL GUIDANCE AREA.

VOR -- 4 LAUNCHERS WITH MISSILES, 1 PROBABLY LAUNCHER  
AND MISSILE, AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

N F T ST

HAI PHONG SAM SITE A02-2 (95) VN 21111 18142E

SITE CONSISTS OF AT LEAST 3 POSSIBLY OCCUPIED REVETTED

LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED

CENTRAL GUIDANCE AREA.

OD -- AT LEAST 3 POSSIBLE LAUNCHERS AND MISSILES AND A  
POSSIBLE GUIDANCE RADAR.

VH P T ST

VHAI PHONG SAM SITE A17A-2 (06) VN 21111 18144E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE A23A-2 (53) VN 21111 18138E

SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH

POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL

GUIDANCE AREA.

VOR -- 6 POSSIBLE LAUNCHERS AND MISSILES AND A POSSIBLE  
GUIDANCE RADAR.

N F T ST

THANK HOA SAM SITE D02-2 (69) VN 21111 18141E

SITE IS UNOCCUPIED.

C G T ST

IDENTIFICATION ONLY.

H.O P T ST Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

HA NOI SAM SITE D03-2 (41) VN 2125N 106:17E

IDENTIFICATION ONLY.

H F T NS

HA NOI SAM SITE D04-2 (33) VN 2125N 106:12E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A17A-2 (45) VN 2152N 105:51E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE C39C-2 (51) VN 2114N 105:21E

SITE IS UNOCCUPIED.

C G F T ST

HA NOI SAM SITE C01-2 (53) VN 2125N 106:05E

SITE IS UNOCCUPIED.

VC G T ST

HA NOI SAM SITE C03-2 (62) VN 21:7N 106:15E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C04-2 (54) VN 21:4N 106:11E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C04A-2 (57) VN 21:2N 106:01E

SITE IS UNOCCUPIED.

VC G T ST

HA NOI SAM SITE C01A-2 (63) VN 21:2N 106:05E

SITE IS UNOCCUPIED.

VC G T ST

VHA NOI SAM SITE B33-2 (64) VN 21:1N 106:41E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND 1 REVETTED  
OCCUPIED CENTRAL GUIDANCE AREA.

OR -- 5 LAUNCHERS WITH MISSILES AND 1 GUIDANCE RADAR  
WITH ASSOCIATED VANS.

VC F T ST

HA NOI SAM SITE D35-2 (75) VN 21:0N 106:37E

SITE IS UNOCCUPIED.

C G T SE

HA NOI SAM SITE C05A-2 (78) VN 21:0N 106:11E

SITE IS UNOCCUPIED.

H.O F T PS

HA NOI SAM SITE C13-2 (81) VN 20:5N 106:15E

BT

NNNN

25X1

4

25X1

25X1

4

5

05:07

EIJ244VV EUB263ICZC/LA/100

PP RUEPIA

DE RUEPJU 53 1540315

ZNY SSSSS

P 150500Z JUN 67

FM NPIC WASH DC

TO AIB NINE SEVEN SIX

RUEPJS/DIA PHOENH

RUEPJS/NIC

BT

SECRET SECTION SEVEN OF LIGHT

C G T ST

THAI NGUYEN ARMY SUPPLY DEPOT NORTH

INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR

STRIKES. AT LEAST 15 WAREHOUSES WERE DESTROYED, 4

ARE HEAVILY DAMAGED AND THE REMAINING BUILDINGS ARE

MODERATELY DAMAGED. SCALE AND ORIGIN OF DAMAGE NOT

INTERPRETABLE.

C, D F T ST

BAC GIANG ARMY BARRACKS NE BACH KUYE

VIDENTIFICATION ONLY

HC P PT PS

HA NOI/LAO CAI RR SEGMENT 1

SEGMENT OBSERVED FROM 2200N 10400E TO 2200N 10410E. NO

NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY

ACTIVITY OR TRAFFIC OBSERVED.

C F PT PS

HA NOI/LAO CAI RR SEGMENT 1

ENTIRE RAIL SEGMENT OBSERVED. FIFTEEN CARS OF

ROLLING STOCK AND 1 LOCOMOTIVE TRAVELING IN OBSERVED AT

22235 10400E. THE LAO CAI RAILROAD CAR YARD, 100 YARDS

CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK. NO NEW

CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY

ACTIVITY NOTED.

C G T ST

HA NOI/LAO CAI RR SEGMENT 1

SEGMENT COVERED FROM 2120N 10500E TO 2120N

10500E. AT LEAST 33 PIECES OF ROLLING STOCK OBSERVED

AT 2120N 105170E. AT LEAST 20 PIECES OF ROLLING

STOCK OBSERVED AT 212400N 105150E IN THE RAIL YARD.

OBLIQUITY PRECLUDES DETERMINATION OF

SERVICEABILITY.

C G PT PS

HA NOI/LAO CAI RR SEGMENT 1

NO SIGNIFICANT ACTIVITY NOTED ON RAILROAD

OSA

5

5

25X1

25X1

25X1

25X1

25X1

25X1



Next 2 Page(s) In Document Exempt

SECRET

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

MEMORANDUM FOR: Deputy Director for Intelligence

SUBJECT: Preliminary Assessment of BLACK SHIELD

Mission X003, Flown 10 June 1967

1. The initial read-out of mission photography showed no evidence of surface-to-surface missile (SSM) equipment or facilities in North Vietnam. Eighteen occupied surface-to-air missile (SAM) sites were photographed, including two sites in the vicinity of Yen Bai about 70 miles northwest of Hanoi. A more detailed analysis of the photography, with attention to subjects other than SSMs and SAMs, is expected shortly from NMIC.

2. Yen Bai has been heavily defended by other SAM and AAA positions, including some Chinese Communist artillery units, for more than a year because of its strategic position on the lines of communication from China and athwart US strike routes from Thailand. It has been a center of intensive military construction activity, including a partially completed jet airfield, [REDACTED]

3. The five SAM sites, containing 25 missiles, photographed in the area of Haiphong and the 11 sites occupied with 60 missiles detected in the vicinity of Hanoi are consistent with estimates derived from other

intelligence sources. The singular aspect about the BLACK SHIELD photography is its ability to ascertain the number and disposition of most of North Vietnam's SAM defenses at one point in time. Previously, information on the SAM order of battle had to be compiled  pilot observations and photography of far more limited areas. Because these samples were taken at random intervals, while missile units continued to move about the country, no complete picture of the status of DRV missile defenses could be gained. The information on occupied SAM sites derived from the latest mission has been forwarded by flash precedence to operational commanders for mission planning purposes.

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E C R E T SECTION ONE OF TEN CITE NPIC 0945.

IR:NPIC SER:F00332BSX MSN:000003 10JUN67H

Y PHOTO. CAMERA ON 02534Z OFF 042703Z. NPIC MSG 0916 DTG 120535Z,

IN 68, SER F00327. NPIC MSG 0917, DTG 121500Z,, '7, 67. NPIC MSG

18, DTG 121810Z, JUN 68.

RT I. SIGNIFICANT PHOTO INTERPRETATIONS

NEW TARGETS AND SIGNIFICANT CHANGES

M01:VN SSM MISSILE SEARCH

SGM:NONE CTY:VN 000000N0000000E

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IN 71 PAGE 2/4

RMK:NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIP-  
MENT OR FACILITIES OBSERVED.

25X1 BEN [ ] CAT:UNK CMR:NONE WXR:CLEAR CVG:PTIAL  
QAL:GOOD SCL:PAN

TM02:YEN BAI SAM SITE NO 197(NEW)SGM:[ ] CTY:VN 220312N1050219E  
DES:YEN BAI SAM SITE NO 197 UNDER CONSTRUCTION IS LOCATED 22.8  
NM NNE OF YEN BAI AT UTM WK040385. NEWLY IDENTIFIED SITE CONSISTS  
OF 5; 0-458-))6 43;3553\$ 7,9::7083\$ )-7,:# 098589,, N UNREVETTED  
UNOCCUPIED GUIDANCE AREA AND A PROBABLE UNOCCUPIED ACQUISITION  
RADAR POSITION IMMEDIATELY NORTH OF THE SITE. NO MISSILES OR  
MISSILE-;-9:8-53\$ 31780.3,5 9734;3\$. (BB)

25X1

25X1 BEN [ ] CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [ ]

TM03:HA NOI SAM SITE 195(NEW) SGM:[ ] CTY:VN 213000N1055252E  
DES:NEWLY IDENTIFIED SA-2 SAM SITE LOCATED 0 NM NORTH OF HA NOI  
AT UTM WJ913775 CONSISTS OF 3 UNREVETTED LAUNCH POSITIONS, 1  
POSSIBLE UNREVETTED LAUNCH POSITION, AND AN UNREVETTED CENTRAL  
GUIDANCE AREA. NO MISSILES OR MISSILE-;-9:8-53\$ 31780.3,5  
9734;3\$. (BB);

25X1

25X1 73, [ ] CMR:NONE WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL;;0-, [ ]

25X1

TM04:YEN BAI SAM SITE 193 (NEW) SGM:UNK CTY:VN 214120N1052203E  
DES:SITE NO. 193 APPEARS TO BE IN THE PROCESS OF BEING OCCUPIED.;  
853 8 )9:-53\$ 27 NM EAST OF YEN BAI AT UTM WJ380982 AND CONSISTS  
OF 2 OCCUPIED UNREVETTED LAUNCH POSITIONS, 1 UNOCCUPIED UNREVETTED

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LAUNCH POSITION,, -,\$ - 0-458-))6 43;35TED CENTRAL GUIDANCE AREA

WITH AT LEAST 3 VANS AND A POSSIBLE GUIDANCE RADAR.; ,9 95#34

.88)3 94 .88)3-ASSOCIATED EQUIPMENT OBSERVED. (BB)

MIS:2 SA-2 MISSILES.

ELC:POSSIBLE GUIDANCE RADAR WITH 3 VANS.

25X1 BEN: [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:;0-, [REDACTED]

TM05:YN BAI SAM SITE 194 (NW); &.:UNK CTY:VN 214646N1051352E

DES:SITE IS LOCATED 20.5 NM ENE OF YEN BAI AT UTM WK239082 AND

CONSISTS OF 6 OCCUPIED UNREVIEWED LAUNCH POSITIONS AND AN

OCCUPIED UNREVIEWED CENTRAL GUIDANCE AREA. (BB)

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN

M06:HA NOI SAM SITE B12-2 (3) SGM:[REDACTED] CTY:VN 205654N1060409E

RMK:SITE CONSISTS OF 6 OCCUPIED REVIEWED LAUNCH POSITIONS AND

AN OCCUPIED REVIEWED CENTRAL GUIDANCE AREA.

MIS:6; --2 MISSILES.;

3):GUIDANCE RADAR.;

25X1 73, [REDACTED] [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

M07:HA NOI SAM SITE A29-2 (4) SGM:[REDACTED] CTY:VN 210420N1054100E

RMK:;853 :9,85 9! 4 OCCUPIED REVIEWED LAUNCH POSITIONS AND

AN OCCUPIED CENTRAL GUIDANCE AREA.

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IN 832 15 PAGE 5/21

MIS:4 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

25X1

BEN: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1

QAL: GOOD SCL: PAN [REDACTED]

25X1

M08: HA NOI SAM SITE B04-2 (5) SGM: UNK CTY: VN 211135N1055900E

RMK: SITE CONSISTS OF AT LEAST 5 OCCUPIED REVETTED LAUNCH POSITIONS

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISS T OTO

ELC:GUIDANCE RADAR.

25X1

25X1

BEN: [REDACTED] C LEAR CVG: TOTAL

25X1

QAL: FAIR SCL: PAN [REDACTED]

M09: HA NOI SAM SITE A11-2 (9) SGM: [REDACTED] CTY: VN 210033N1055549E

25X1

RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND

AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

25X1

25X1

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1

QAL: GOOD SCL: PAN [REDACTED]

M10: HA NOI SAM SITE A10-2 (14) SGM: [REDACTED] CTY: VN 210112N1055850E

25X1

RMK: SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,

1; 7,9::7083\$ 43;3553\$ )-7,:# 098589,, AND AN OCCUPIED REVETTED

CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

25X1

BEN: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1

QAL: GOOD SCL: PN [REDACTED]

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ITM11:HA NOI SAM SITE A19-2 (15) SGM:6BIAB CTY:VN 205533N1055045E

RMK:SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,

1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED REVETTED  
CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1  
25X1 BEN:  WXR: CLEAR

CVG: TOTAL

25X1 QAL: GOOD SCL: PAN

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IN 852 75 PAGE 2/21

ITM12:HA NOI SAM SITE A24-2 (19) SGM:UNK CTY:VN 205654N1054351E

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN  
OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELEC:GUIDANCE RADAR.

25X1  
25X1

BEN [REDACTED] CAT:UNK [REDACTED] WXR:CLEAR CVG:TOTAL

25X1

QAL:GOOD SCL:PAN [REDACTED]

ITM13:HAI PHONG SAM SITE A29A-2 (37) SGM: [REDACTED] CTY:VN 205311N1063120E

25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN  
OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1  
25X1

BEN: [REDACTED] [REDACTED] WXR:HAZE CVG:TOTAL

25X1

QAL:FAIR SCL:PAN [REDACTED]

ITM14:HA NOI SAM SITE B33-2 (64) SGM: [REDACTED] CTY:VN 211034N1054407E

25X1

RMK:SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS, 1  
UNOCCUPIED REVETTED LAUNCH POSITION AND A REVETTED OCCUPIED

CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

25X1

BEN [REDACTED] [REDACTED] WXR:CLEAR CVG:TOTAL

25X1

QAL:FAIR SCL:PAN [REDACTED]

ITM15:HAI PHONG SAM SITE A31-2 (70) SGM:UNK CTY:VN 205435N1063615E

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AND  
AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

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ELC:GUIDANCE RADAR.

25X1

25X1

BEN: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN [REDACTED]

ITM16:HAI PHONG SAM SITE C28-2 (73) SGM: [REDACTED] CTY:VN 205335N1061730E 25X1

RMK:SITE CONSISTS OF 4 OCCUPIED, 1 PROBABLY OCCUPIED, AND 1  
UNOCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED  
CENTRAL GUIDANCE AREA.

MIS:4 SA-2 AND 1 PROBABLE SA-2 MISSILE.

25X1

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN [REDACTED]

ITM17:HAI PHONG SAM SITE A02-2 (85) SGM: [REDACTED] CTY:VN 205600N1064225E 25X1

RMK:SITE CONSISTS OF AT LEAST 3 POSSIBLY OCCUPIED REVETTED  
LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL  
GUIDANCE AREA.

MIS:AT LEAST 3 POSSIBLE SA-2 MISSILES.

25X1

ELC:POSSIBLE GUIDANCE RADAR.

25X1

BEN: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:POOR SCL:PAN [REDACTED]

ITM18:HAI PHONG SAM SITE A33A-2 (93) SGM: [REDACTED] CTY:VN 205435N1063850E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND A POSSIBLY OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 POSSIBLE SA-2 MISSILES.

25X1

ELC:POSSIBLE GUIDANCE RADAR.

25X1

BEN: [REDACTED]

WXR:HAZE

CVG:TOTAL

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QAL:POOR SCL:PAN [REDACTED]

25X1

ITM19:HA NOI SAM SITE A01-2 (133) SGM: [REDACTED] CTY:VN 210754N1055203E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN  
OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [REDACTED] [REDACTED] WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN [REDACTED]

ITM20:HA NOI SAM SITE A31-2 (159) SGM: [REDACTED] CTY:VN 210443N1054616E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN  
OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [REDACTED] [REDACTED] WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN [REDACTED]

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E C R E T SECTION THREE OF TEN CITE NPIC 0945.

25X1 FM21: HA NOI SAM SITE B16-2 (162 SGM ☐ CTY:VN 204928N105755

RMK: SITE CONSISTS OF 6 OCCUPIED REVETED LAUNCH POSITIONS WITH  
 QROBABLE MISSILES AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS: 6 QROBABLE SA-2 MISSILES.

25X1 ELC: GUIDANCE RADAR.

25X1 BEN ☐ WXR: HAZE CVG: TOTAL  
 25X1 QAL: FAIR SCL: PAN ☐

25X1 FM22: HA NOI SAM SITE B17-2 (1) SGM: ☐ CTY:VN 204700N105433E  
 25X1 RMK: SITE IS UNOCCUPIED.

25X1 BEN: ☐ WXR: HAZE CVG: TOTAL

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25X1 QAL:FAIR SCL:PAN [REDACTED]  
 1 TM23:HA NOI SAM SITE B21-2 (2) SGM [REDACTED] CTY:VN 205152N1054524E 25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

25X1 TM24:HA NOI SAM SITE D31-2 (8) SGM [REDACTED] CTY:VN 212111N1052202E  
 25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

TM25:HA NOI SAM SITE B30-2 (16) SGM [REDACTED] CTY:VN 210700N1053915E 25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

TM26:HA NOI SAM SITE B29-2 (17) SGM [REDACTED] CTY:VN 210418N1053909 25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [REDACTED]

TM27:HAI PHONG SAM SITE A29-2 (21) SGM [REDACTED] CTY:VN 205238N1063406E 25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

25X1 TM28:HA NOI SAM SITE D16-2 (24) SGM [REDACTED] CTY:VN 203445N1060745E  
 25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

TM29:HAI PHONG SAM SITE A20-2 (25) SGM [REDACTED] CTY:VN 204421N1063910E 25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

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25X1TM30:HA NOI SAM SITE D3A-2 (28) SGM [ ] CTY:VN 212432N1051705E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL  
25X1 QAL: POOR SCL: PAN [ ]

25X1

25X1TM31:HA NOI SAM SITE D31B-2 (29) SGM: [ ] CTY:VN 21235N1052003E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

25X1TM32:HANOI SAO SITE C07-2 (30) SGM: [ ] CTY:VN 211636N1061914E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

25X1TM33:HA NOI SAM SITE D04-2 (33) SGM [ ] CTY:VN 212449N1061247E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1M34:HA NOI SAM SITE D36-2 (39) SGM [ ] CTY:VN 213230N1054745

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1M35:HA NOI SAO SITE B30A-2 (43) SGM [ ] CTY:VN 210824N1053533E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1M36:HA NOI SAM SITE A17A-2 (45) SGM: [ ] CTY:VN 205240N1055427E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] XR: HAZE CVG: TOTAL

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25X1 QAL:FAIR SCL:PAN [REDACTED]

(TM37:HA NOI SAM SITE K30C-2 (51) SGM: [REDACTED] CTY:VN 211436N1052330E

25X1

RMK:SITE IS UNORCUPIED.

25X1

BEN: [REDACTED]

CMR [REDACTED]

WXR: CLEAR

CVG: TOTAL

25X1

QAL:FAIR SCL:PAN [REDACTED]

25X1  
31

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E C R E T SECTION FOUR OF TEN CITE NPIC 0945.

25X1M38:HA NOI SAM SITE C01-2 (53) SGM ☐ CTY:VN 212557N1055142E

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN: ☐ CRM: ☐ WXR: CLEAR CVG: TOTAL

25X1 QAL:GOOD SCL: PAN ☐

TM39:HA NOI SAM SITE C04-2 (54) SGM ☐ CTY:VN 212417N1061113E

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN: ☐ CMR: ☐ WXR: CLEAR CVG: TOTAL

25X1 QAL:GOOD SCL: PAN ☐

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ITM40:HA NOI SAM SITE C04A-2 (57) SGM: [ ] CTY:VN 212045N1060815E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

ITM41:HAI PHONG SAM SITE C32-2 (58) SGM: [ ] CTY:VN 210636N1062330E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [ ]

ITM42:HAI PHONG SAM SITE C32A-2 SGM: [ ] CTY:VN 210607N1062245E

25X1

25X1 RMK:SITE IS NO 59 IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [ ]

ITM43:HAI PHONG SAM SITE B28-2 SGM: [ ] CTY: VN 205251N1062023E

25X1 RMK:SITE NO 60 IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

ITM44:HAI PHONG SAM SITE B30-2 (61) SGM: [ ] CTY:VN 205934N1062115E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

ITM45:HA NOI SAM SITE C05-2 (62) SGM: [ ] CTY:VN 211710N1060550E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

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IN B3671 PAGE 14

TM46:HA NO SAM SITE C01A-2 (63) SGM: [ ] CTY:VN 212925N1055418E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

TM47:THANH HOA SAM SITE D02-2 (69) SGM: UNK CTY:VN 202505N1060110E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [ ]

TM48:HAI PHONG SAM SITE A33-2 (71) SGM: [ ] CTY:VN 205627N1063640E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

TM49:HAI PHONG SAM SITE C30-2 (72) SGM: [ ] CTY:VN 210100N1061905E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1 TM50:HA NOI SAM SITE D35-2 (75) SGM: [ ] CTY:VN 213800N1053748E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1 TM51:BAC CAN SAM SITE C22-2 (76) SGM: [ ] CTY:VN 215127N1053625E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

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IN P32-71 PAGE 4/4

TM52:HA NOI SAM SITE C06A-2 (78) SGM: [ ] CTY:VN 211533N1061642E

25X1

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [ ]

25X1

25X1 TM53:HA NOI SAM SITE C13-2 (81) SGM: [ ] CTY:VN 204510N1061300E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [ ]

25X1 TM54:HA NOI SAM SITE C11-2 (84) SGM: [ ] CTY:VN 205535N1061500E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [ ] CMR: [ ] WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN [ ]

25X1

SECRET

25X1

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140334Z JUN 67

NPIC WASH DC

AIG NINE SEVEN SIX

IEPJS/DIA PRODCEN

IEPJS/NINETUNTS E C R E T SECTION FIVE OF TEN CITE NPIC

25X1 M55: HAI PHONG SAM SITE A17A-2 SGM CTY: VN 204255N1064412E

25X1 RMK: SITE NO 86 IS UNOCCUPIED.

25X1 BEN: CMR: WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN

25X1 M56: HA NOI SAM SITE C12-2 (88) SGM CTY: VN 205220N1061100E

25X1 RMK: SITE IS UNOCCUPIED.

25X1 BEN: CMR: WXR: CLEAR CBG: TOTAL

25X1 QAL: GOOD SCL: PAN

25X1 M57: BAC CAN SAM SITE B20-2 (90) SGM CTY: VN 215145N1054428E

25X1 RMK: SITE IS UNOCCUPIED.

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IN 03275 PAGE 2/4

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: SCL: PAN [REDACTED]

M58: HA NOI SAM SITE C30D-2 (92) SGM: [REDACTED] CTY: VN 211205N1053015E

RMK: SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [REDACTED]

25X1 M59: HA NOI SAM SITE B07-2 (95) SGM: [REDACTED] CTY: VN 210830N1060918E

RMK: SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [REDACTED]

M60: BAC CAN SAM SITE C20-2 (96) SGM: [REDACTED] CTY: VN 214443N1054218E

RMK: SITE IS UNOCCUPIED

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [REDACTED]

M61: HA NOI SAM SITE D06-2 (105) SGM: CTY: VN 211813N1062105E

RMK: SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [REDACTED]

M62: YEN BAI SAM SITE B12-2 (116) SGM: [REDACTED] CTY: VN 213638N1050718E

RMK: SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [REDACTED]

M63: HA NOI SAM SITE B17A-2 (118) SGM: [REDACTED] CTY: VN 205145N1055512E

RMK: SITE IS UNOCCUPIED.

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IN 86671 PAGE 3/4

25X1  
25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

25X1  
IM64: HA NOI SAM SITE B01-2 (119) SGM: [ ] CTY: VN 211712N1055308E

RMK: SITE IS UNOCCUPIED.

25X1  
25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

25X1  
IM65: HA NOI SAM SITE C33-2 (120) SGM: [ ] CTY: VN 211910N1053720E

RMK: SITE IS UNOCCUPIED.

25X1  
25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

IM66: HA NOI SAM SITE B01A-2 (124) SGM: [ ] CTY: VN 211400N1055300E

25X1

RMK: SITE IS UNOCCUPIED

25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: [ ]

IM67: HA NOI SAM SITE A33-2 (125) SGM: [ ] CTY: VN 210936N1054607E

25X1

RMK: SITE IS UNOCCUPIED.

25X1  
25X1 BEN: [ ] CMR: [ ] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [ ]

IM68: HA NOI SAM SITE D36A-2 (126) SGM: [ ] CTY: VN 213509N1055006E

25X1

RMK: SITE IS UNOCCUPIED.

25X1  
25X1 BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [ ]

IM69: HA NOI SAM SITE C01B-2 (128) SGM: [ ] CTY: VN 212831N 1055211E

25X1

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IN 83271 PAGE 4/4

RMK:SITE IS UNOCCUPIED

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [REDACTED]

T

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M NPIC WASH DC

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UEPJS/DIA PRODCEN

UEPJS/NIC

BT

SECRET SECTION SIX OF TEN CITE NPIC 0945.

TM70:HA NOI SAM SITE D31C-2 (131) SGM ☐ CTY:VN212425N1051748E

RMK:SITE IS UNOCCUPIED.

25X1

25X1

BEN: ☐ CMR: ☐ WXR: CLEAR CVG: TOTAL

25X1

QAL: FAIR SCL: PAN ☐TM71:HA NOI SAM SITE C03-2 (138) SGM ☐ CTY:VN 212133N1060010E

RMK:SITE IS UNOCCUPIED.

25X1

25X1

BEN: ☐ CMR: ☐ WXR: CLEAR CVG: TOTAL**SECRET**

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IN 8275 PAGE 13

25X1 QAL:FAIR SCL:PAN [REDACTED]

ITM72:HA NOI SAM SITE C03A-2 (141) SGM [REDACTED] CTY:VN 211909N1010206E 25X1

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM73:HA NOI SAM SITE A14-2 (142) SGM: CTY:VN205605N1055800E

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

ITM74:HA NOI SAM SITE C32-2 (143) SGM [REDACTED] CTY:VN 211915N1053133E 25X1

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM75:HA NOI SAM SITE B32-2 (146) SGM [REDACTED] CTY:VN 211502N1053552E 25X1

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM76:HA NOI SAM SITE C17-2 (147) SGM [REDACTED] CTY:VN 203637N1060149E 25X1

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

ITM77:HA NOI SAM SITE B07A-2 (148) SGM [REDACTED] CTY:VN 210951N1060858E 25X1

RMK:SITE IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM78:HAIPHONG SAM SITE D22-2 SGM [REDACTED] CTY:VN 202447N1062448E 25X1

RMK:SITE NO. 152 IS UNOCCUPIED.

25X1

25X1 BEN:[REDACTED] CMR:[REDACTED] WXR:CLEAR CVG:TOTAL

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IN 838 11 PAGE 3/3

25X1 QAL:GOOD SCL:PAN [REDACTED]  
 TM79:HAIPHONG SAM SITE C21-2 SGM [REDACTED] CTY:VN 202439N1063050E 25X1

RMK:SITE NO 157 IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

25X1 M80:HA NOI SAM SITE A05-2 (158) SGM: [REDACTED] CTY:VN 210832N1055834E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

M81:HA NOI SAM SITE C17A-2 (161) SGM: CTY:VN 203735N1055710E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

M82:HA NOI SAM SITE C17B-2 (165) SGM: [REDACTED] CTY:VN 203345N1060050E 25X1

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

M83:HA NOI SAM SITE C16-2 (166) SGM:UNK CTY:VN 204100N1060530E

25X1 RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

M84:HA NOI SAM SITE C038-2 (167) SGM:UNK CTY:VN 212130N1060010E

RMK:SITE IS UNOCCUPIED.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

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X: ☐ YES ☐ NO

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RUEPJU 69 1650350

Y SSSSS

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EPJS/NIC

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# 83075  
048

E C R E T SECTION SEVEN OF TEN CITE NPIC 0945.

M85:HA NOI SAM SITE D36B-2 (168) SGM:UNK CTY:VN 213408N1054612E

25X1 RMK: SITE IS UNOCCUPIED.

25X1 BEN:  CMR:  WXR: CLEAR CVG: TOTAL25X1 QAL: GOOD SCL: PAN 

M86:HA NOI SAM SITE B04A-2 (186) SGM:UNK CTY:VN 211810N1060257E

RMK: SITE IS UNOCCUPIED.

25X1 BEN:  CMR: NONE WXR: CLEAR CVG: TOTAL25X1 QAL: GOOD SCL: PAN 187:HA NOI SAM SITE C30-2 (7) SGM:  CTY:VN 211300N1052140E**SECRET**

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RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

M88: HA NOI SAM SITE B25-2 (11) SGM: [REDACTED] CTY: VN 205 45 3N 105 36 5E

25X1

RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: OBL HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

M89: HAI PHONG SAM SITE A17-2 (34) SGM: [REDACTED] CTY: VN 204 47 12N 106 42 22E

25X1

RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

M90: HA NOI SAM SITE D03-2 (41) SGM: [REDACTED] CTY: VN 212 84 5N 106 07 25E

25X1

RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: FAIR SCL: PAN [REDACTED]

M91: HAI PHONG SAM SITE B34-2 SGM: [REDACTED] CTY: VN 210 41 2N 106 34 51E

25X1

25X1 RMK: SITE NO 104 IS IDENTIFIED ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

M92: HA NOI SAM SITE C30A-2 (44) SGM: [REDACTED] CTY: VN 211 24 0N 105 21 54E

25X1

RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

M93: HAI PHONG SAM SITE A07-2 (55) SGM: [REDACTED] CTY: VN 205 54 5N 106 50 15E

25X1

RMK: IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1 QAL: POOR SCL: PAN [REDACTED]

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M94:HA NOI SAM SITE C30E-2 (114) SGM [ ] CTY:VN 211150N1052115E

25X1

RMK:IDENTIFICATION ONLY.

25X1

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [ ]

M95:YEN BAI SAM SITE C14-2 (122) SGM: CTY:VN 212805N1050955E

RMK:IDENTIFICATION ONLY.

25X1

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [ ]

M96:HAI PHONG SAM SITE A14-2 SGM: [ ] CTY:VN 204921N1064336E

25X1

25X1 RMK:SITE NO 137 IS IDENTIFIED ONLY.

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [ ]

M97:HA NOI SAM SITE C05B-2 (171) SGM: [ ] CTY:VN 212205N1061530E

25X1

25X1 RMK:IDENTIFICATION ONLY.

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:

25X1 QAL:POOR SCL:PAN [ ]

M98:HA NOI SAM SITE B27-2 (180) SGM:UNK CTY:VN 205942N1053332E

25X1 RMK:IDENTIFICATION ONLY.

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [ ]

M99:HA NOI PROB SA-2 MISSILE EQPT SGM:UNK CTY:VN 212745N1055533E

25X1

RMK:HA NOI PROB SA-2 MISSILE EQPT TRNG AREA HAS NO APPARENT CHANGE

[ ] FACILITIES. NO MISSILES OR ASSOCIATED

MISSILE EQUIPMENT OBSERVED.

25X1

25X1 BEN: [ ] CMR: [ ] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [ ]

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IN 53275 PAGE 4/4

TM100:CAI BA COASTAL DEF SITE 1 SGM:UNK CTY:VN 204332N1070319E

25X1 RMK:IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [REDACTED]

T

INNN

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FM NPIC WASH DC

TO AIG NINE SEVEN SIX

RUEPJS/DIA PRODCEN

RUEPJS/NIC

BT

SECRET SECTION EIGHT OF TEN CITE NPIC 0945.

ITM101: HANOI/GIA LAM AIRFIELD

SGM: ☐ CTY: VN 210200N1055300E

AOB: 13 FAGOT/FRESCO, 2 CRATE (1 WITHOUT LEFT WING), 7 COLT, 1 CREEK, 1 HOOK, 1 HOUND, AND 1 CRATE FUSELAGE.

BEN: ☐ CMR: ☐ WXR: CLEAR CVG: TOTAL

QAL: GOOD SCL: PAN ☐

ITM102: PHUC YEN AIRFIELD

SGM: ☐ CTY: VN 211300N1054800E

AOB: 1 POSSIBLE BEAGLE, 13 FISHBED, 8 FAGOT/FRESCO (1 LOCATED AT UTM WH876537 AND 1 LOCATED AT WH877534), AND 3 SMALL DELTA WING

**SECRET**

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IN 83275 PAGE 2/4

DUMMY/DECOY.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1

QAL: GOOD SCL: PAN [REDACTED]

ITM103: HOA LAC AIRFIELD

SGM: UNK CTY: VN 210100N1053100E

AOB: 3 SMALL POSSIBLE AIRCRAFT.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1

QAL: POOR SCL: PAN [REDACTED]

ITM104: KEP AIRFIELD

SGM: [REDACTED] CTY: VN 212400N1061600E

25X1

AOB: 1 SMALL SWEPT/DELTA WING.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1

QAL: POOR SCL: PAN [REDACTED]

ITM105: HANOI/BAC MAI AIRFIELD

SGM: [REDACTED] CTY: VN 205900E1055000E

25X1

AOB: NONE OBSERVED.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1

QAL: GOOD SCL: PAN [REDACTED]

ITM106: HAIPHONG/CAT BI AIRFIELD

SGM: [REDACTED] CTY: VN 204900N1064300E

25X1

RMK: IDENTIFICATION ONLY.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL

25X1

QAL: FAIR SCL: PAN [REDACTED]

ITM107: HAIPHONG/KIEN AN AIRFIELD

SGM: [REDACTED] CTY: VN 204800N1063600E

25X1

RMK: IDENTIFICATION ONLY.

25X1

25X1

BEN: [REDACTED] CMR: [REDACTED] WXR: CLOUDY CVG: PARTIAL

25X1

QAL: POOR SCL: PAN [REDACTED]

SECRET

CLASSIFIED MESSAGE

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IN 13275 PAGE 3/4

ITM108:HA NOI HELO DISPERSAL AREA SGM:UNK CTY:VN 210520N1055000E

DES:A HELICOPTER DISPERSAL AREA IS LOCATED 4.5 NM NORTH OF

HA NOI AT UTM WJ864328.

AOB:4 HOOK.

25X1 BEN: [ ] CAT:UNK CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [ ]

ITM109:THO KHOI HELO DISPERSAL AREA SGM:UNK CTY:VN 210030N1055440E

DES:A HELICOPTER DISPERSAL AREA IS LOCATED 2.2 NM SE OF HANOI/GIA  
LAM AIRFIELD ON THE EAST EDGE OF THE VILLAGE OF THO KHOI.

AOB:7 HOUND.

25X1 BEN: [ ] CAT:UNK CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [ ]

ITM110:LING-SHUI AIRFIELD SGM:NONE CTY:CH 182945N1095917E

25X1 RMK:IDENTIFICATION ONLY.

25X1 BEN: [ ] CMR: [ ] WXR:HVY CLDS CVG:PARTIAL

25X1 QAL:POOR SCL:OBL [ ]

ITM111:HAI PHONG PORT FACILITIES SGM: [ ] CTY:VN 205200N1064200E

RMK:IDENTIFICATION ONLY.

25X1 BEN: [ ] CMR: [ ] WXR:HAZE CVG:TOTAL

25X1 QAL:POOR SCL:PAN [ ]

ITM112:THAI NGUYEN ARMY SUPPLY DEPOTSGM: [ ] CTY:VN 213826N1055103E

DES:INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES. AT  
LEAST 15 WAREHOUSES APPEAR DESTROYED, 2 ARE HEAVILY DAMAGED AND  
THE REMAINING BUILDINGS ARE MODERATELY DAMAGED. SCALE AND  
OBLIQUITY LIMIT INTERPRETABILITY.

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IN 83675 PAGE 4/4

25X1  
25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL  
25X1 QAL: FAIR SCL: PAN [REDACTED]

ITM113: BAC GIANG ARMY BARRACKS NE SGM: [REDACTED] CTY: VN 211700N1061205E 25X1

25X1 RMK: BAC GIANG ARMY BARRACKS NE DINH XUYEN IS IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HVY CLDS CVG: PARTIAL

25X1 QAL: POOR SCL: PAN [REDACTED]

ITM114: HO-KOU ARMY BARRACKS NORTH SGM: NONE CTY: CH 223225N1035740E

DES: 1.8 NM NORTH OF HO-KOU. CAMP CONTAINS 13 BARRACK, 1 ADMINI-  
STRATION, 3 MESSHALL, 4 VEHICLE MAINTENANCE, 28 STORAGE, AND 27  
STORAGE/SUPPORT BUILDINGS AND 12 SHEDS/TENTS.

GFW: 6 TRUCKS.

25X1  
25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL

25X1 QAL: GOOD SCL: PAN [REDACTED]

BT

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SECRET SECTION NINE OF TEN CITE NPIC 0945.

ITM:115:HO-KOU VEHICLE PARKS SGM:NONE CTY:CH 223200N1035600E

DES:APPROXIMATELY 2.5 NM NW OF HO-KOU. THREE VEHICLE PARKS  
 CONTAIN 3 BARRACKS, 8 VEHICLE SHEDS, 18 STORAGE/SUPPORT BUILDINGS  
 AND SEVERAL SMALL SHEDS. (TWO OF THE VEHICLE PARKS WERE PREVIOUSLY

REPORTED UNDER HO-KOU ARMY BARRACKS NORTH,   
 GFW:24 TRUCKS AND 8 PROBABLE TRUCKS EACH WITH A PIECE OF EQUIPMENT  
 OR TRAILER IN TOW. THE 8 PROBABLE TRUCKS ARE PARKED ON THE ROAD.

25X1 BEN:  CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN

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IN 83677 PAGE 2/4

ITM116:HA DONG AW/GCI RADAR FACILITY SGM:UNK CTY:VN 205952N1054347E

OB -- 1 BAR LOCK-TYPE RADAR, 1 POSSIBLE SIDE NET RADAR, AND AT  
LEAST 6 UNIDENTIFIED VEHICLES.

25X1 BEN: [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL

25X1 QAL:POOR SCL:PAN [REDACTED]

ITM117:TANG MY AW/GCI RADAR FACILITY SGM:UNK CTY:VN 211005N1054744E

OB:1 BAR LOCK-TYPE RADAR AND 1 POSSIBLE SIDE NET RADAR.

25X1 BEN: [REDACTED] CMR:NONE WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL:PAN [REDACTED]

ITM118:YU-LIN CSTL DEF &amp; RADAR SITE SGM:NONE CTY:CH 181140N1902950E

RMK:IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HVY CLDS: CVG:PARTIAL

25X1 QAL:POOR SCL:OBL [REDACTED]

ITM119:LAO CAI COMPLEX

SGM:UNK CTY:VN223100N1035900E

DES:NO APPARENT CHANGE [REDACTED]

RAIL YARD CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK, APPROXI-  
MATELY 20 PERCENT OF THE YARD CAPACITY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM120:BAC GIANG COMPLEX

SGM: [REDACTED] CTY:VN 211700N1061200E

RMK:IDENTIFICATION ONLY.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HVY CLDS CVG:PARTIAL

25X1 QAL:POOR SCL:PAN [REDACTED]

SECRET



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ITM121:THAI NGUYEN U/I RAIL SEV ACT SGM:UNK CTY:VN 212815N1055310E

RMK:THAI NGUYEN UNIDENTIFIED RAIL SERVED ACTIVITY IS LOCATED 25 NM NORTH OF HA NOI AND 8 NM SOUTH OF THAI NGUYEN AT UTM WJ916745. THE AREA IS SITUATED IN RELATIVELY LEVEL TERRAIN THAT IS MOSTLY COVERED WITH RICE PADDIES AND SMALL TREES. THE INSTALLATION HAS BEEN UNDER CONSTRUCTION SUBSEQUENT TO [REDACTED] AND HAS BEEN OBSERVED [REDACTED]

25X1

25X1

[REDACTED] THE INSTALLATION CONSISTS OF A RAIL SIDING EXTENDING GENERALLY SE FROM THE HA NOI/THAI NGUYEN RAIL LINE AND TERMINATING IN 3 SPURS. AN OBLONG, CIRCULAR ROAD EXTENDS FROM THE TERMINUS OF THE EASTERNMOST SPUR AND CIRCLES BACK AROUND, CONNECTING ALL 3 SPURS. THE DISTANCE AROUND THE CIRCULAR ROAD IS APPROXIMATELY 2 KILOMETERS. IN ADDITION, A NEW ROAD CONNECTS THE CIRCULAR ROAD WITH THE HA NOI/THAI NGUYEN HIGHWAY (ROUTE 3). THE CLEARED AREAS AT THE TERMINUS OF EACH SPUR ARE UNUSUALLY WIDE, APPARENTLY PROVIDING SPACE FOR AN OFF-LOADING CAPACITY. A FOURTH SPUR IS UNDER CONSTRUCTION IN THE AREA WHERE THE OTHER 3 SPURS BRANCH OFF FROM THE SIDING. CONSTRUCTION HAS NOT PROGRESSED TO THE POINT WHERE IT CAN BE DETERMINES WHETHER THIS FOURTH SPUR WILL BE OF IDENTICAL ORIENTATION AS THE OTHER 3. THERE ARE AT LEAST 4 CLEARINGS LOCATED ALONG THE CIRCULAR ROAD PATTERN IN ADDITION TO NUMEROUS CUTS THAT BRANCH FROM THE ROAD AND EXTEND INTO THE HILLS SURROUNDING THE INSTALLATION. A SMALL BUILDING IS SITUATED IN EACH OF THE CUT AREAS. LINEAR SCARS ARE EVIDENT THROUGHOUT THE AREA CONNECTING THE NUMEROUS CLEARED AREAS WITH A HILLTOP CLEARING. ROLLING STOCK ON THE RAIL SPURS CONSISTS OF 4 GONDOLA

SECRET

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832 15

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4/4

CARS.

25X1

BEN:

[REDACTED]

CMR:NONE

WXR:CLEAR

CVG:TOTAL

25X1

QAL:GOOD

SCL:PAN

[REDACTED]

BT

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SECRET FINAL SECTION OF TEN CITE NPIC 0945.

25X1 ITM122:LANG NHON U/I CONSTR ACTIVITYSGM: [ ] CTY:VN 222400N1040100E

25X1

25X1 RMK:NO APPARENT CHANGE [ ]

25X1 BEN: [ ] CAT:76000 CMR: [ ] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [ ]

ITM123:HA NOI/PING-SHIANG RR SEGMENTSGM:UNK CTY:VN211000N1060400E

DES:ENTIRE SEGMENT NO 3 OBSERVED WITH APPROXIMATELY 125 PIECES OF  
 ROLLING STOCK ON RAILLINE AND IN RAILYARDS. RAIL AND HIGHWAY BRIDGE  
 OVER THE CANAL DES RAPIDES HAS BEEN REPAIRED SINCE AIR STRIKE AND

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SECRET

IN 827 PAGE 1/3

AN OPERATIONAL RAIL BY-PASS BRIDGE HAS BEEN CONSTRUCTED SOUTH OF THE BRIDGE AT UTM WJ958305. THE DAP CAU RAIL BRIDGE (UTM XJ138454) IS UNSERVICEABLE WITH 2 SPANS DESTROYED AND THE DAP CAU RAIL BY-PASS BRIDGE IS UNSERVICEABLE WITH 2 SPANS OUT.

25X1

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:TOTAL

25X1 QAL:FAIR SCL: [REDACTED]

ITM124:HA NOI/LAO CAI RR SEGMENT 2 SGM:UNK CTY:VN222000N1041000E

DES:ENTIRE RAIL SEGMENT OBSERVED. FIFTEEN PIECES OF ROLLING STOCK AND 1 LOCOMOTIVE TRAVELING NW OBSERVED AT 2223N 10406E.

THE LAO CAI RAILROAD CLASSIFICATION YARD CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK. NO NEW CONSTRUCTION, COMMUNICATION

FACILITIES, MILITARY ACTIVITY NOTED.

25X1

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:CLEAR CVG:TOTAL

25X1 QAL:GOOD SCL:PAN [REDACTED]

ITM125:HA NOI/LAO CAI RR SEGMENT 3 SGM:UNK CTY:VN 214000N1045600E

DES:SEGMENT 3 IS COVERED FROM 21-28-00N 105-06-00E TO 21-38-28N 104-56-30E. OBLIQUITY AND POOR SCALE PRECLUDE DETERMINATION OF

SERVICEABILITY.

25X1

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:PARTIAL

25X1 QAL:POOR SCL:OBL [REDACTED]

ITM126:HA NOI/LAO CAI RR SEGMENT 4 SGM: [REDACTED] CTY:VN 212018N1052000E

25X1

DES:SEGMENT COVERED FROM 212018N 1052200E TO 212800N 1050600E AT LEAST 35 PIECES OF ROLLING STOCK OBSERVED AT 212154N 1051736E.

AT LEAST 20 PIECES OF ROLLING STOCK OBSERVED AT 212400N 1051336E

IN THE PHU THO RAIL YARD. OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY.

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IN 836 N PAGE 3/3

25X1  
25X1  
25X1BEN: [REDACTED] CMR: [REDACTED] WXR:HAZE CVG:PARTIAL  
QAL:POOR SCL:OBL [REDACTED]

ITM127:YEN VIEN RR CLASSIFICATION SGM: [REDACTED] CTY:VN 210500N1055500E

25X1

DES:MOST YARD LINES WITHIN RAIL YARDS APPEAR REPAIRED AND SERV  
SINCE AIR STRIKE. APPROX 75 PIECES OF ROLLING STOCK OBSERVED  
WITHIN YARD. ALL STRUCTURES (7 STORAGE BUILDINGS AND 2 SUPPORT  
BUILDINGS) ARE DESTROYED IN RAIL-SERVED SECURED STORAGE AREA  
AT UTM WJ953312. ALL STRUCTURES (16 LARGE WAREHOUSE) ARE  
DESTROYED/DISMANTLED IN WAREHOUSE AREA AT UTM WJ961318.  
FENCED WAREHOUSE AREA NE OF RAIL YARD (UTM WJ961318) CONTAINS  
9 LARGE WAREHOUSES (7 DESTROYED, 7 VEHICLE SHEDS (6 DESTROYED),  
AND 3 RAIL-SERVED STORAGE BUILDINGS (2 DESTROYED).

25X1  
25X1  
25X1BEN: [REDACTED] CAT:GOOD CMR: [REDACTED] WXR:CLEAR CVG:TOTAL  
QAL:FAIR SCL: [REDACTED]

PART II. OTHER PHOTO INTERPRETATIONS - NONE

GP-1

BT

NNNN

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INDEX ☐ YES ☐ NO

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S E C R E T CITE NPIC 0916.

SECTION ONE OF TWO

CPIR:NPIC SER:F00327 BSX MSN:000003. 10JUN67H

DAY PHOTO. CAMERA ON/OFF TIMES UNK. FRAME NUMBERS WILL BE  
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14 APR 67.

THIS IS A BLACK SHIELD MESSAGE.

PART I. SIGNIFICANT PHOTO INTERPRETATIONS

B. NEW TARGETS AND SIGNIFICANT CHANGES

**SECRET**

ITM01:VN SSM MISSILE SEARCH SGM:NONE CTY:VN 000000N0000000E

RMK:PRELIMINARY SCAN REVEALS NO EVIDENCE OF OFFENSIVE SURFACE-  
TO-SURFACE MISSILE EQUIPMENT OR FACILITIES.

25X1

BEN: [REDACTED] CAT:UNK CMR:NONE WXR:CLEAR CVG:PARTIAL

QAL:GOOD SCL:PAN

ITM02:YEN BAI SAM SITE 193 (NEW) SGM:UNK CTY:VN 214120N1052203E

DES:SITE NO. 193 APPEARS TO BE IN THE PROCESS OF BEING  
OCCUPIED. SITE IS LOCATED 27 NM EAST OF YEN BAI AT UTM  
WJ380982 AND CONSISTS OF 2 OCCUPIED UNREVIEWED LAUNCH  
POSITIONS, 1 UNOCCUPIED UNREVIEWED LAUNCH POSITION, AND A  
PARTIALLY REVIEWED CENTRAL GUIDANCE AREA WITH AT LEAST 3  
VANS AND A POSSIBLE GUIDANCE RADAR. NO OTHER MISSILES OR  
MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

MIS:2 SA-2 MISSILES.

ELC:POSSIBLE GUIDANCE RADAR WITH 3 VANS.

25X1

BEN: [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN

ITM03:YEN BAI SAM SITE 194 (NEW) SGM:UNK CTY:VN 214646N1051352E

DES:SITE 1 LOCATED 20.5 NM ENE OF YEN BAI AT UTM WK239082  
AND CONSISTS OF 6 OCCUPIED UNREVIEWED LAUNCH POSITIONS  
AND AN OCCUPIED UNREVIEWED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED] CMR:NONE WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN

SECRET

ITM04:HA NOI SAM SITE B12-2 (3) SGM: [ ] CTY:VN 205654N1060409E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WXR:CLEAR CVG:TTTAL

QAL:GOOD SCL:PAN

ITM05:HA NOI SAM SITE A29-2 (4) SGM: [ ] CTY:VN 210420NBQPTRQPPE 25X1

RMK:SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED CENTRAL GUIDANCE AREA.

MIS:4 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WXR:CLEAR CVG:TOTAL

QAL:GOOD SCL:PAN

ITM06:HA NOI SAM SITE B04-2 (5) SGM:UNK CTY:VN 211135N1055900E

RMK:SITE CONSISTS OF AT LEAST 5 OCCUPIED EVETTED LAUNCH  
POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

OEN: [ ] CMR: [ ] WXR:Clea CVG:TOTAL

QAL:FAIR SCL:PA

ITM07:HA NOI SAM SITE A11-2 (9) SGM: [ ] CTY:VN 210033/,1055545E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

SECRET



ELC:GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

QAL:GOOD SCL:PAN

ITM08:HA NOI SAM SITE A10-2 (14) SGM: [ ] CTY:VN 210112N1055850E

RMK:SITE CONSISTS OF 5 OCCUPIED AND 1 UNOCCUPIED REVETTED  
LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

QAL:GOOD SCL:PAN

ITM09:HA NOI SAM SITE A19-2 (15) SGM: [ ] CTY:VN 205533N1055045E

RMK:SITE CONSISTS OF 5 OCCUPIED AND 1 UNOCCUPIED REVETTED  
LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WXR: CLEAR CVG: TOTAL

QAL:GOOD SCL:;0-,

85.10:HA NOI SAM SITE A24-2 (1) SGM:UNK CTY:VN 205654N1054351E

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

BEN: [ ] CAT:UNK CMR: [ ] WXR: CLEAR CVG: TOTAL

QAL:GOOD SCL:PAN

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INDEX: ☐ YES ☐ NO

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S E C R E T CITE NPIC 0916.

FINAL SECTION OF TWO

ITM11:HAI PHONG SAM SITE A29A-2 (37)SGM: ☐ CTY:VN 205311N1063120E

25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

**SECRET**

25X1

BEN: [REDACTED]

CMR: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN

ITM12:HA NOI SAM SITE B33-2 (64) SGM: [REDACTED] CAT:VN 211034N1054407E

25X1

RMK:SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND A REVETTED OCCUPIED  
CENTRAL GUIDANCE AREA.

MIS:5 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED]

CMR: [REDACTED]

WXR:CLEAR

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN

ITM13:HAI PHONG SAM SITE A31-2 (70)SGM:UNK CTY:VN 205435N1063615E

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED]

CMR: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN

ITM14:HAI PHONG SAM SITE C28-2 (73)SGM [REDACTED] CTY:VN 205335N1061730E

25X1

RMK:SITE CONSISTS OF 4 OCCUPIED, 1 PROBABLY OCCUPIED, AND 1  
UNOCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED  
CENTRAL GUIDANCE AREA.

MIS:4 SA-2 AND 1 PROBABLE SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1

BEN: [REDACTED]

CMR: [REDACTED]

WXR:HAZE

CVG:TOTAL

25X1

QAL:FAIR SCL:PAN

SECRET

ITM15: HAI PHONG SAM SITE A02-2 (85) SGM: [ ] CTY: VN 205600N1064225E

25X1

RMK: SITE CONSISTS OF AT LEAST 3 POSSIBLE OCCUPIED REVETTED LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS: AT LEAST 3 POSSIBLE SA-2 MISSILES.

ELC: POSSIBLE GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WAR: HAZE

CVG: TOTAL

25X1

QAL: POOR SCL: PAN

ITM16: HAI PHONG SAM SITE A33A-2 (93) SGM: [ ] CTY: VN 205435N1063850E

25X1

RMK: SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS: 6 POSSIBLE SA-2 MISSILES.

ELC: POSSIBLE GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WAR: HAZE

CVG: TOTAL

25X1

QAL: POOR SCL: PAN

ITM17: HA NOI SAM SITE A01-2 (133) SGM: [ ] CTY: VN 210754N1055203E

25X1

RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS: 6 SA-2 MISSILES.

ELC: GUIDANCE RADAR.

BEN: [ ] CMR: [ ] WAR: CLEAR

CVG: TOTAL

QAL: GOOD SCL: PAN

ITM18: HA NOI SAM SITE A31-2 (159) SGM: [ ] CTY: VN 210443N1054616E

25X1

SECRET

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

MIS:6 SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: CLEAR CVG: TOTAL 25X1  
QAL: GOOD SCL: PAN

ITM19: HA NOI SAM SITE B16-2 (162) SGM: [REDACTED] CTY(VN 204928N1055755E 25X1

RMK:SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
WITH PROBABLE MISSILES AND AN OCCUPIED REVETTED CENTRAL  
GUIDANCE AREA.

MIS:6 PROBABLE SA-2 MISSILES.

ELC:GUIDANCE RADAR.

25X1 BEN: [REDACTED] CMR: [REDACTED] WXR: HAZE CVG: TOTAL 25X1  
QAL: FAIR SCL: PAN

GP-1

BT

NNNN

SECRET

CLASSIFY TO FILE NO. \_\_\_\_\_  
 X-REF TO FILE NO. \_\_\_\_\_  
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R EPJS/NIC

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SECRET SECTION ONE OF EIGHT CITE NPIC 0925

## PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS ON MISSION BLACK SHIELD X003, 10 JUNE 1967. THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

SYMBOLS FOR PHOTO REFERENCE DATA DENOTE LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND MODE. FRAME REFERENCES WILL BE DISSEMINATED AT A LATER DATE.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE

SECRET

OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMI DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

#### HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES OBSERVED.

A TOTAL OF 97 SA-2 SITES ARE IDENTIFIED. OF THE 97, FOUR ARE NEWLY IDENTIFIED (2 OCCUPIED AND 2 UNOCCUPIED), 18 ARE OCCUPIED, 67 ARE UNOCCUPIED, AND 12 ARE IDENTIFICATION ONLY. OF THE 7 MAJOR AIRFIELDS COVERED, 5 PROVIDED ORDER-OF-BATTLE INFORMATION AND 2 ARE IDENTIFICATION ONLY.

HAI PHONG PORT WAS OBSCURED BY CLOUDS AND HAZE AND PROVIDED NO ORDER-OF-BATTLE DATA. HA NOI WAS CLEAR BUT PROVIDED NO NEWLY IDENTIFIED NAVAL ORDER-OF-BATTLE.

IN ADDITION TO SIGNIFICANT ORDER-OF-BATTLE DATA, A LARGE AREA VOF UNIDENTIFIED RAIL SERVED ACTIVITY 8 NM SOUTH OF THAI NGUYEN WAS ANALYZED FOR POSSIBLE MISSILE ASSOCIATION WITH NEGATIVE RESULTS AT ITS PRESENT STAGE

SECRET

OF DEVELOPMENT.

MISSILES

HA NOI SAM SITE A10-2 (14) VN 2101N 10558E   
SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED  
REVVETTED CENTRAL GUIDANCE AREA.

25X1

OB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

VC G T ST

HA NOI SAM SITE A19-2 (15) VN 2055N 10550E   
SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,

25X1

1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED

REVVETTED CENTRAL GUIDANCE AREA.

VOB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE A29-2 (4) VN 2104N 10541E   
SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS,  
2 UNOCCUPIED REVETTED LAUNCH POSITIONS, AND AN OCCUPIED  
CENTRAL GUIDANCE AREA.

25X1

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE B04-2 (5) VN 2111N 10559E

25X1

SECRET



CLASSIFIED MESSAGE

SECRET

IN 85/92 PAGE 115

SITE CONSISTS OF AT LEAST 5 OCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- AT LEAST 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

C F

HA NOI SAM SITE B12-2 (3) VN 2056N 10604E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE B25-2 (11) VN 2054N 10536E  
IDENTIFICATION ONLY.

VH, O P T ST

HA NOI SAM SITE B29-2 (17) VN 2104N 10539E  
SITE IS UNOCCUPIED.

CS, H P T ST

HA NOI SAM SITE B30-2 (16) VN 2106N 10539E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C30-2 (7) VN 2113N 10521E

BT

25X1

25X1

25X1

SECRET

CLASSIFIED MESSAGE

SECRET

IN 25192 PAGE 5/24

IDENTIFICATION ONLY.

H, O P T ST

HA NOI SAM SITE B17-2 (1) VN 2047N 10554E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B21-2 (2) VN 2051N 10545E  
SITE IS UNOCCUPIED.

C, Q F T ST

HA NOI SAM SITE D31-2 (8) VN 2121N 10522E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A11-2 (9) VN 2100N 10555E  
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE A24-2 (19) VN 2056N 10543E  
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE D31A-2 (28) VN 2124N 10517E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D16-2 (24) VN 2034N 10607E

SECRET

CLASSIFIED MESSAGE

SECRET

IN 8192 PAGE 4/4

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D36-2 (39) VN 2132N 10547E

SITE IS UNOCCUPIED.

C G T ST

VHA NOI SAM SITE C07-2 (30) VN 2116N 10619E

ITE IS UNOCCUPIED.

H,O F T ST

HA NOI SAM SITE D31B-2 (29) VN 2123N 10520E

SITE IS UNOCCUPIED.

C F T ST

YEN BAI SAM SITE C14-2 (122) VN 2128N 10509E

IDENTIFICATION ONLY.

H P T ST

YEN BAI SAM SITE B12-2 (116) VN 2136N 10507E

VSITE IS UNOCCUPIED.

HAI PHONG SAM SITE A29-2 (21) VN 2052N 10634E

VSITE IS UNOCCUPIED.

VH,O F T ST

HAI PHONG SAM SITE A20-2 (25) VN 2044N 10639E

SITE IS UNOCCUPIED.

H,O F T ST

HAI PHONG SAM SITE A17-2 (34) VN 2047N 10642E

IDENTIFICATION ONLY.

H,O P T ST

VHAI PHONG SAM SITE A29A-2 (37) VN 2053N 10631E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

SECRET

CLASSIFIED MESSAGE

SECRET

IN 0577 PAGE 2/2

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE C32-2 (58) VN 2106N 10623E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C32A-2 (59) VN 2106N 10622E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B28-2 (60) VN 2052N 10620E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B30-2 (61) VN 2059N 10621E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE A07-2 (55) VN 2055N 10650E

IDENTIFICATION ONLY.

VH, O P T ST

HAI PHONG SAM SITE A31-2 (70) VN 2054N 10636E

VSITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,

AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR

VWITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE A33-2 (71) VN 2056N 10636E

BT

SECRET

CLASSIFIED MESSAGE

SECRET

IN 8012 PAGE 1

SITE IS UNOCCUPIED.

H, O F T ST

HAI PHONG SAM SITE C30-2 (72) VN 2101N 10619E 

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C28-2 (73) VN 2053N 10617E 

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS,  
 1 PROBABLY OCCUPIED REVETTED LAUNCH POSITION, AND 1  
 UNOCCUPIED REVETTED LAUNCH POSITION AND AN OCCUPIED  
 REVETTED CENTRAL GUIDANCE AREA.

VOB -- 4 LAUNCHERS WITH MISSILES, 1 PROBABLE LAUNCHER  
 AND MISSILE, AND A GUIDANCE RADAR WITH ASSOCIATED VANS.

H F T ST

HAI PHONG SAM SITE A02-2 (85) VN 2056N 10642E 

SITE CONSISTS OF AT LEAST 3 POSSIBLY OCCUPIED REVETTED  
 LAUNCH POSITIONS AND A POSSIBLY OCCUPIED REVETTED  
 CENTRAL GUIDANCE AREA.

OB -- AT LEAST 3 POSSIBLE LAUNCHERS AND MISSILES AND A  
 POSSIBLE GUIDANCE RADAR.

VH P T ST

VHAI PHONG SAM SITE A17A-2 (86) VN 2042N 10644E 

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE A33A-2 (93) VN 2054N 10638E

SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH  
 POSITIONS AND A POSSIBLY OCCUPIED REVETTED CENTRAL  
 GUIDANCE AREA.

SECRET

CLASSIFIED MESSAGE

SECRET

IN 55 PAGE 45

VOB -- 6 POSSIBLE LAUNCHERS AND MISSILES AND A POSSIBLE  
GUIDANCE RADAR.

H P T ST

THANH HOA SAM SITE D02-2 (69) VN 2025N 10601E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B30A-2 (43) VN 2108N 10535E

SITE IS UNOCCUPIED.

C G T ST

VHA NOI SAM SITE C30A-2 (44) VN 2112N 10521E

IDENTIFICATION ONLY.

H, O P T ST

HA NOI SAM SITE D03-2 (41) VN 2128N 10607E

IDENTIFICATION ONLY.

H F T NS

HA NOI SAM SITE D04-2 (33) VN 2125N 10612E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A17A-2 (45) VN 2052N 10554E

ITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE C30C-2 (51) VN 2114N 10523E

SITE IS UNOCCUPIED.

C, O F T ST

HA NOI SAM SITE C01-2 (53) VN 2125N 10551E

SITE IS UNOCCUPIED.

VC G T ST

SECRET

25X1

25X1

CLASSIFIED MESSAGE

SECRET

IN 80142 PAGE 10/20

HA NOI SAM SITE C05-2 (62) VN 2117N 10605E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C04-2 (54) VN 2124N 10511E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C04A-2 (57) VN 2120N 10608E  
SITE IS UNOCCUPIED.

VC G T ST

HA NOI SAM SITE C01A-2 (63) VN 2129N 10554E  
SITE IS UNOCCUPIED.

VC G T ST

VHA NOI SAM SITE B33-2 (64) VN 2110N 10544E  
SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,  
1 UNOCCUPIED REVETTED LAUNCH POSITION, AND A REVETTED  
OCCUPIED CENTRAL GUIDANCE AREA.

OB -- 5 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

VC F T ST

HA NOI SAM SITE D35-2 (75) VN 2138N 10537E  
SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C06A-2 (78) VN 2115N 10616E  
SITE IS UNOCCUPIED.

H, O F T PS

HA NOI SAM SITE C13-2 (81) VN 2045N 10613E

BT

SECRET

CLASSIFIED MESSAGE

SECRET

IN 10519V PAGE 11/24

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C11-2 (84) VN 2055N 10615E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C12-2 (88) VN 2052N 10611E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C30D-2 (92) VN 2112N 10530E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE B07-2 (95) VN 2108N 10609E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D06-2 (105) VN 2118N 10621E

SITE IS UNOCCUPIED.

H, O F T ST

HA NOI SAM SITE C30E-2 (114) VN 2111N 10521E

IDENTIFICATION ONLY.

H, O P T ST

BAC CAN SAM SITE C22-2 (76) VN 2151N 10536E

SITE IS UNOCCUPIED.

C G T ST

BAC CAN SAM SITE B20-2 (90) VN 2151N 10544E

SITE IS UNOCCUPIED.

C G T ST

BAC CAN SAM SITE C20-2 (96) VN 2144N 10542E

25X1

SECRET



CLASSIFIED MESSAGE

SECRET

IN 82-122 PAGE 17

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE B34-2 (104) VN 2104N 10634E

IDENTIFICATION ONLY.

H F T ST

HAI PHONG SAM SITE A14-2 (137) VN 2049N 10643E

IDENTIFICATION ONLY.

H, O F T ST

HAI PHONG SAM SITE D22-2 (152) VN 2024N 10624E

SITE IS UNOCCUPIED.

C G T ST

HAI PHONG SAM SITE C21-2 (157) VN 2024N 10630E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B17A-2 (118) VN 2051N 10555E 1

SITE IS UNOCCUPIED.

C, O F T ST

HA NOI SAM SITE B01-2 (119) VN 2117N 10553E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C33-2 (120) VN 2218N 10537E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B01A-2 (124) VN 2114N 10553E

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE A33-2 (125) VN 2109N 10546E

25X1

25X1

SECRET

SECRET

IN 5200 PAGE 13/4

SITE IS UNOCCUPIED.

H F T ST

HA NOI SAM SITE D36A-2 (126) VN 2135N 10550E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C01B-2 (128) VN 2128N 10552E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A01-2 (133) VN 2107N 10552E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE C03-2 (138) VN 2121N 10600E

SITE IS UNOCCUPIED.

C F T NS

HA NOI SAM SITE C03A-2 (141) VN 2119N 10602E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A14-2 (142) VN 2056N 10558E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C32-2 (143) VN 2119N 10531E

SITE IS UNOCCUPIED.

C G T ST

BT

SECRET

HA NOI SAM SITE B32-2 (146) VN 2115N 10535E

25X1

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B07A-2 (148) VN 2109N 10508E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C17-2 (147) VN 2036N 10601E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A31-2 (159) VN 2104N 10546E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
 WITH ASSOCIATED VANS.

C G T ST

HA NOI SAM SITE C17A-2 (161) VN 2037N 10557E

25X1

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE B16-2 (162) VN 2049N 10557E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
 WITH PROBABLE MISSILES AND AN OCCUPIED REVETTED CENTRAL  
 GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH 6 PROBABLE MISSILES AND A  
 GUIDANCE RADAR WITH ASSOCIATED VANS.

H F T ST

HA NOI SAM SITE C17B-2 (165) VN 2033N 10600E

25X1

SITE IS UNOCCUPIED.

SECRET

CLASSIFIED MESSAGE

SECRET

IN 65192 PAGE 5/54

C G T ST

HA NOI SAM SITE C16-2 (166) VN 2041N 10605E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE A05-2 (158) VN 2108N 10558E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE D36B-2 (168) VN 2134N 10546E

SITE IS UNOCCUPIED.

C G T ST

HA NOI SAM SITE C03B-2 (167) VN 2121N 10600E

SITE IS UNOCCUPIED.

C G T NS

HA NOI SAM SITE D31C-2 (131) VN 2124N 10517E

SITE IS UNOCCUPIED.

C F T ST

HA NOI SAM SITE C05B-2 (171) VN 2122N 10615E

IDENTIFICATION ONLY.

H F T ST

HA NOI SAM SITE B27-2 (180) VN 2059N 10533E

SITE IS UNOCCUPIED.

H F T ST

YU-LIN CSTL DEF &amp; RADAR SITE CH 1811N 10929E

IDENTIFICATION ONLY.

H P T ST

CAT BA COASTAL DEFENSE SITE NO. 1 VN 2043N 10703E

IDENTIFICATION ONLY.

25X1

25X1

25X1

SECRET

CLASSIFIED MESSAGE

SECRET

IN 81102 PAGE 10124

H,0 P T ST

YEN BAI SAM SITE 193 VN 2141N 10522E NO COMOR

27.1 NM EAST OF YEN BAI AT UTM WJ380982.

NEWLY IDENTIFIED SITE CONSISTS OF 2 OCCUPIED UNREVETTED  
LAUNCH POSITIONS, 1 UNOCCUPIED UNREVETTED LAUNCH  
POSITION, AND A PARTIALLY REVETTED CENTRAL GUIDANCE  
AREA WITH AT LEAST 3 VANS AND A POSSIBLE GUIDANCE  
RADAR. NO OTHER MISSILES OR MISSILE-ASSOCIATED  
EQUIPMENT OBSERVED.

OB -- 2 LAUNCHERS WITH MISSILES AND A POSSIBLE GUIDANCE  
RADAR WITH AT LEAST 3 VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-II, 1ST  
ED.)

C G T ST

YEN BAI SAM SITE 194 VN 2146N 10513E NO COMOR

20.5 NM ENE OF YEN BAI AT UTM WK239052.

NEWLY IDENTIFIED SITE CONSISTS OF 6 OCCUPIED UNREVETTED  
LAUNCH POSITIONS AND AN OCCUPIED UNREVETTED CENTRAL  
GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR  
WITH ASSOCIATED VANS.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6052-IV, 1ST  
ED.)

C G T ST

HJ003753M SITE 195 VN 2130N 10552E NO COMR30 NM NORTH OF HA NOI AT UTM

BT

SECRET

CLASSIFIED MESSAGE

SECRET

IN PAGE 1234

NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 3 UNREVIEWED  
LAUNCH POSITIONS, 1 POSSIBLE UNREVIEWED LAUNCH  
POSITION, AND AN UNREVIEWED CENTRAL GUIDANCE AREA. NO  
MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.  
(MAP REFERENCE -- AMS SERIES L7014, SHEET 6151-I, 1ST  
ED.)

C G T ST

YEN BAI SAM SITE 197 VN 2203N 10502E NO COMOR  
22.8 NM NNE OF YEN BAI AT UTM WK540385.

NEWLY IDENTIFIED SITE UNDER CONSTRUCTION CONSISTS OF 5  
PARTIALLY REVIEWED UNOCCUPIED LAUNCH POSITIONS, AN  
UNREVIEWED UNOCCUPIED GUIDANCE AREA, AND A PROBABLE  
UNOCCUPIED ACQUISITION RADAR POSITION IMMEDIATELY NORTH  
OF THE SITE. NO MISSILES OR MISSILE-ASSOCIATED  
EQUIPMENT OBSERVED.

(MAP REFERENCE -- AMS SERIES L7014, SHEET 6053-III, 1ST  
ED.)

C G T ST

HA NOI SAM SITE B04A-2 (180) VN 2118N 10602E NO COMOR  
SITE IS UNOCCUPIED.

C G T ST

## AIR FACILITIES

LING-SHUI AIRFIELD CH 1329N 10959E

IDENTIFICATION ONLY.

25X1

H P T ST

HAIPHONG/CAT BI AIRFIELD VN 2049N 10643E

IDENTIFICATION ONLY.

25X1

SECRET

SECRET

IN

PAGE 1

H, O F T ST

HAIPHONG/KIEN AN AIRFIELD VN 2048N 10636E

IDENTIFICATION ONLY.

SC, O P PT NS

HANOI/BAC MAI AIRFIELD VN 2059N 10550E

OB -- NONE OBSERVED.

C, O G T ST

HANOI/GIA LAM AIRFIELD VN 2102N 10553E

OB -- 13 FAGOT/FRESCO, 2 CRATE (1 WITHOUT LEFT WING), 7  
COLT, 1 CREEK, 1 HOOK, 1 HOUND, AND 1 CRATE FUSELAGE.

C, O G T ST

PHUC YEN AIRFIELD VN 2113N 10548E

OB -- 1 POSSIBLE BEAGLE, 13 FISHBED, 8 FAGOT/FRESCO (1  
LOCATED AT UTM WH876537 AND 1 LOCATED AT WH877534), AND  
3 SMALL DELTA WING DUMMY/DECOY.

C, O G T ST

25X1 KEP AIRFIELD VN 2124N 10616E

OB -- 1 SMALL SWEPT/DELTA WING.

H, O P T ST

HOA LAC AIRFIELD VN 2101N 10531E

OB -- 3 SMALL POSSIBLE AIRCRAFT.

H, O P T ST

THO KHOI HELICOPTER DIS AREA VN 2100N 10554E NO COMOR

A HELICOPTER DISPERSAL AREA IS LOCATED 2.2 NM SE OF

HANOI/GIA LAM AIRFIELD ON THE EAST EDGE OF THE VILLAGE

OF THO KHOI.

TO -- 12015.

SECRET

C G T ST

HA NOI HELICOPTER DIS AREA VN 2105N 10549E NO COMOR  
A HELICOPTER DISPERSAL AREA IS LOCATED 4.5 NM NORTH OF  
HA NOI AT UTM WJ864328.

OB -- 4 HOOK.

C G T ST

NAVAL ACTIVITY/PORTS

HAI PHONG PORT FACILITIES VN 2052N 10642E   
IDENTIFICATION ONLY.

25X1

H, O P T ST

ELECTRONICS/COMMUNICATIONS

HA DONG AW/GCI RADAR FACILITY VN 2059N 10543E NO COMOR  
OB -- 1 BAR LOCK-TYPE RADAR, 1 POSSIBLE SIDE NET RADAR,  
AND AT LEAST 6 UNIDENTIFIED VEHICLES.

C P T ST

TANG MY AW/GCI RADAR FACILITY VN 2110N 10547E NO COMOR  
OB -- 1 BAR LOCK-TYPE RADAR, AND 1 POSSIBLE SIDE NET  
RADAR.

H F T ST

MILITARY ACTIVITY

HO-KOU ARMY BARRACKS NORTH CH 2232N 10357E   
1.5 NM NORTH OF HO-KOU.

25X1

CAMP CONTAINS 13 BARRACK, 1 ADMINISTRATION, 3 MESSHALL,  
4 VEHICLE MAINTENANCE, 28 STORAGE, AND 27  
STORAGE/SUPPORT BUILDINGS AND 12 SHEDS/TENTS.

OB -- 6 TRUCKS.

BT

SECRET



C G T ST

THAI NGUYEN ARMY SUPPLY DEPOT NORTH VN 2138N 10551E [REDACTED]  
 INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR  
 STRIKES. AT LEAST 15 WAREHOUSES APPEAR DESTROYED, 2  
 ARE HEAVILY DAMAGED AND THE REMAINING BUILDINGS ARE  
 VMODERATELY DAMAGED. SCALE AND OBLIQUITY LIMIT  
 INTERPRETABILITY.

25X1

C, O F T ST

BAC GIANG ARMY BARRACKS NE DINH XUYEN VN 2117N 10612E [REDACTED]  
 VIDENTIFICATION ONLY.

25X1

HC P PT PS

HA NOI/LAO CAI RR SEGMENT 2 VN 2200N 10433E [REDACTED]  
 SEGMENT OBSERVED FROM 2209N 10422E TO 2214N 10417E. NO  
 NEW CONSTRUCTION, COMMUNICATION FACILITIES, MILITARY  
 ACTIVITY OR TRAFFIC OBSERVED.

25X1

C F PT PS

HA NOI/LAO CAI RR SEGMENT 1 VN 2220N 10410E [REDACTED]  
 ENTIR RAIL SEGMENT OBSERVED. FIFTEEN PIECES OF  
 ROLLING STOCK AND 1 LOCOMOTIVE TRAVELING NW OBSERVED AT  
 2223N 10406E. THE LAO CAI RAILROAD CLASSIFICATION YARD  
 CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK. NO NEW  
 CONSTRUCTION, COMMUNICATION FACILITIES, OR MILITARY  
 VACTIVITY NOTED.

25X1

C G T ST

HA NOI/LAO CAI RR SEGMENT 4 VN 2120N 10520E [REDACTED]  
 SEGMENT COVERED FROM 212018N 1052200E TO 212800N  
 1050600E. AT LEAST 35 PIECES OF ROLLING STOCK OBSERVED

25X1

SECRET

SECRET

PAGE 1

AT 212154N 1051736E. AT LEAST 20 PIECES OF ROLLING STOCK OBSERVED AT 212400N 1051336E IN THE PHU THO RAIL YARD. OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY.

C G PT PS

HA NOI/LAO CAI RR SEGMENT 5 VN 2110N 10548E [REDACTED]  
NO SIGNIFICANT ACTIVITY NOTED ON SEGMENT 5.

25X1

C G PT ST

HO-KOU VEHICLE PARKS CH 2232N 10356E NO COMOR  
APPROXIMATELY 2.5 NM NW OF HO-KOU.

THREE VEHICLE PARKS CONTAIN 3 BARRACKS, 5 VEHICLE SHEDS, 18 STORAGE/SUPPORT BUILDINGS AND SEVERAL SMALL SHEDS. (TW OF THE VEHICLE PARKS WERE PREVIOUSLY REPORTED UNDER HO-KOU ARMY BARRACKS NORTH, COMOR

25X1

[REDACTED]  
OB -- 24 TRUCKS AND 8 PROBABLE TRUCKS EACH WITH A PIECE OF EQUIPMENT OR TRAILER IN TOW. THE 8 PROBABLE TRUCKS WERE PARKED ON THE ROAD.

C G T ST

25X1

LANG NHON U/I CONSTR ACTIVITY VN 2224N 10401E NO COMOR  
NO APPARENT CHANGE SINCE [REDACTED]

C G T ST

THAI NGUYEN U/I RAIL SERVED ACTIVITY VN 2128N 10553E BONUS 1  
THAI NGUYEN UNIDENTIFIED RAIL-SERVED ACTIVITY IS LOCATED 25 NM NORTH OF HA NOI AND 8; .. 975# 9! 5#-8 NGUYEN AT UTM WJ916745. THE AREA IS SITUATED IN RELATIVELY LEVEL TERRAIN THAT IS MOSTLY COVERED WITH

SECRET

CLASSIFIED MESSAGE

SECRET

IN 12775 PAGE 2315

RICE PADDIES AND SMALL TREES. THE INSTALLATION HAS  
BEEN UNDER CONSTRUCTION SUBSEQUENT TO [REDACTED]

25X1

25X1

25X1

[REDACTED] THE INSTALLATION CONSISTS OF A RAIL SIDING

EXTENDING GENERALLY SE FROM THE HA NOI/THAI NGUYEN RIL  
LINE AND TERMINATING IN 3 SPURS. AN OBLONG, CIRCULAR  
ROAD EXTENDS FROM THE TERMINUS OF THE EASTERMOST SPUR  
AND CIRCLES BACK AROUND, CONNECTING ALL 3 SPURS. THE  
DISTANCE AROUND THE CIRCULAR ROAD IS APPROXIMATELY 2  
KILOMETERS. IN ADDITION, A NEW ROAD CONNECTS THE  
CIRCULAR ROAD WITH THE HA NOI/THAI NGUYEN HIGHWAY  
(ROUTE 3). THE CLEARED AREAS AT THE TERMINUS OF EACH  
SPUR ARE UNUSUALLY WIDE, APPARENTLY PROVIDING SPACE FOR  
AN OFF-LOADING CAPACITY. A FOURTH SPUR IS UNDER  
CONSTRUCTION IN THE AREA WHERE THE OTHER 3 SPURS BRANCH  
OFF FROM THE SIDING. CONSTRUCTION HAS NOT PROGRESSED  
TO THE POINT WHERE IT CAN BE DETERMINED WHETHER THIS  
FOURTH SPUR WILL BE OF IDENTICAL ORIENTATION AS THE  
OTHER 3. THERE ARE AT LEAST 4 CLEARINGS LOCATED ALONG  
THE CIRCULAR ROAD PATTERN IN ADDITION TO NUMEROUS CUTS  
THAT BRANCH FROM THE ROAD AND EXTEND INTO THE HILLS  
SURROUNDING THE INSTALLATION. A SMALL BUILDING IS  
SITUATED IN EACH OF THE CUT AREAS. LINEAR CARS ARE  
EVIDENT THROUGHOUT THE AREA CONNECTING THE NUMEROUS

BT

SECRET

CLASSIFIED MESSAGE

SECRET

IN CONFIDENTIAL PAGE 7254

CLEARED AREAS WITH A HILLTOP CLEARING. ROLLING STOCK  
ON THE RAIL SPURS CONSISTS OF 4 GONDOLA CARS.

C G T ST

## COMPLEXES

BAC GIANG COMPLEX VN 2117N 10612E

IDENTIFICATION ONLY.

KC P PT PS

LAI CHAU COMPLEX VN 2203N 10309E

COMPLEX LOCATED ON THE SOUTH BANK OF THE BLACK RIVER  
CONTAINS APPROXIMATELY 20 PROBABLE STORAGE  
AREAS/MILITARY CAMPS/CONSTRUCTION CAMPS WITHIN A 5 NM  
RADIUS OF THE CENTER OF THE COMPLEX. A NEW ROAD IS  
UNDER CONSTRUCTION PARALLELING THE EAST BANK OF THE NAM  
LAI (RIVER) SOUTH OF THE COMPLEX. ROAD CONSTRUCTION IS  
ALSO LOCATED ON BOTH BANKS OF THE BLACK RIVER IN THE  
VICINITY OF 220430N 1031045E. THE AIRFIELD IS  
ABANDONED AND THE SITE HAS BEEN RETURNED TO  
CULTIVATION. SEVERAL ACTIVE DEFENSES OBSERVED IN AREA.

TUYEN QUANG COMPLEX VN 2148N 10512E

NO APPARENT CHANGE IN FACILITIES SINCE

C P T ST

LAO CAI COMPLEX VN 2231N 10359E

RAIL YARD CONTAINS AT LEAST 31 PIECES OF ROLLING STOCK,  
APPROXIMATELY 20 PERCENT OF THE YARD CAPACITY.

C G T ST

YEN VIEN RR CLASSIFICATION YARD VN 2105N 10555E

SECRET

MOST LINES WITHIN RAIL YARDS APPEAR REPAIRED AND  
 SERVICEABLE SINCE AIR STRIKE. APPROXIMATELY 75 PIECES  
 OF ROLLING STOCK OBSERVED WITHIN YARD. ALL STRUCTURES  
 (7 STORAGE BUILDINGS, AND 2 SUPPORT BUILDINGS) ARE  
 DESTROYED IN RAIL-SERVED SECURED STORAGE AREA AT UTM  
 WJ953312. ALL STRUCTURES (16 LARGE WAREHOUSES) ARE  
 DESTROYED/DISMANTLED IN WAREHOUSE AREA AT UTM WJ961318.  
 FENCED AREA NE OF RAIL YARD UTM WJ961318 CONTAINS 9  
 LARGE WAREHOUSES (7 DESTROYED), 7 VEHICLE SHEDS (6  
 DESTROYED), AND 3 RAIL-SERVED STORAGE BUILDINGS (2  
 DESTROYED).

C G T ST

GP-1.

BT

SECRET

DATE

TOP SECRET

1	9
2	10
3	11
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TO :

FROM :

ACTION:

INFO :

IN 81389

*hals*  
*OP 51-10*

TO INFO CITE

TOP SECRET 161517Z CITE

PRIORITY INFO

25X1

EDD-  
 PH-  
 RP-  
 KB-  
 DB-  
 AF-  
 NM-  
 DJ-

A. BSX 003

B. INS FILM CORRELATION REPORT

C. INS 010

D. 1) NINE QUESTIONABLE FRAMES. OTHERWISE SATISFACTORY

2) INS TAPE ONE MINUTE HIGHER THAN FILM DATA BLOCK THROUGH  
MOST OF MISSION3) INS TAPE ONE MINUTE HIGHER THAN FILM DATA BLOCK THROUGH  
MOST OF MISSION

4) SATISFACTORY: FILM QUALITY BEARS OUT V/H VALUES RECORDED.

5) SATISFACTORY

6) SATISFACTORY

7) SATISFACTORY

8) SATISFACTORY

9) SATISFACTORY

10) SATISFACTORY

E. ERRORS IN CAGING RECORD ON FILM OCCURED AT TIMES WHEN VEHICLE  
WAS IN CAGED MODE. SATISFACTORY CORRELATION HAS BEEN ACHIEVED

ON THIS MISSION.

TOP SECRET

TOR: 161529Z JUN 67

TOP SECRET

GROUP 1  
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 MATIC DOWNGRADING  
 AND DECLASSIFICATION

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25X1 ORIG: [REDACTED]  
 UNIT: INTEL/O/OSA  
 25X1 EXT: [REDACTED]  
 DATE: 15 JUNE 1967

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

TOP SECRET

ROUTING			
1	INTEL/O/OSA	9	RB/OSA
2	INTEL/O/OSA	10	
3	DD/SA	11	
4	D/O/OSA	12	
5	OXC/O/OSA	13	
6	IDEA/O/OSA	14	
7	SS/OSA	15	
8	D/M/OSA	16	
DEFERRED		PRIORITY	INITIALS
ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

TO :  
 FROM:  
 CONF:  
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EDD  
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27728 25X1

TO TOP SECRET INFO

CITE

25X1 [REDACTED] INFO [REDACTED]  
 25X1 [REDACTED] 15 20 31 Z

1. THE FOLLOWING IS INITIAL RUNDOWN OF COMOR TARGETS AND SAM SITES COVERED ON MSNS BSX001 AND BSX003.
2. BSX001 WAS PLANNED TO COVER 22 COMOR TARGETS IN NVN. DESPITE CLOUD COVER 14 OF THE PLANNED COMOR TARGETS WERE PHOTOGRAPHED. IN ADDITION, SEVEN BONUS COMOR TARGETS AND THREE OTHER BONUS TARGETS WERE PHOTOGRAPHED, AS WELL AS 70 SAM SITES.
3. BSX003 WAS PLANNED TO COVER 22 COMOR TARGETS. SIXTEEN OF THESE COMOR TARGETS WERE PHOTOGRAPHED. IN ADDITION, SEVEN BONUS COMOR TARGETS AND SEVEN OTHER BONUS TARGETS WERE PHOTOGRAPHED, AS WELL AS 97 SAM SITES.
4. MSN BSX001 PHOTOGRAPHED 12 OCCUPIED SAM SITES AND MSN BSX003 PHOTOGRAPHED 18 OCCUPIED SAM SITES.
  - A. SEVEN SAM SITES REPORTED TO BE OCCUPIED FROM PHOTOGRAPHY OBTAINED ON MSN BSX001 ARE ALSO REPORTED TO BE OCCUPIED FROM

COORDINATING OFFICERS

TOP SECRET

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 UNIT:    
 EXT: 25X1  
 DATE:  

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

**TOP SECRET**

ROUTING			
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COORDINATING OFFICERS	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

34428

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**PAGE TWO**

TO INFO CITE

PHOTOGRAPHY OBTAINED ON MSN BSX003. SIX OF THESE ARE IN THE HANOI COMPLEX AND ONE AT HAIPHONG.

B. THREE SAM SITES REPORTED TO BE OCCUPIED ON MSN BSX001 WERE FOUND TO BE UNOCCUPIED ON MSN BSX003. ALL THREE IN THE HANOI COMPLEX.

C. FIVE SAM SITES REPORTED TO BE UNOCCUPIED ON MSN BSX001 WERE FOUND TO BE OCCUPIED ON MSN BSX003. THREE IN THE HANOI COMPLEX AND TWO AT HAIPHONG.

D. THERE WERE SIX OCCUPIED SAM SITES PHOTOGRAPHED ON BSX003 THAT WERE NOT COVERED ON BSX001: TWO AT HANOI, ONE AT HAIPHONG, AND THREE AT YEN BAI.

E. THERE WERE TWO OCCUPIED SITES PHOTOGRAPHED ON BSX001 THAT WERE NOT PHOTOGRAPHED ON BSX003; ONE AT HANOI AND ONE AT HAIPHONG.

F. OF THE 18 OCCUPIED SAM SITES PHOTOGRAPHED ON BSX003 ELEVEN ARE LOCATED ON THE HANOI COMPLEX, FIVE IN THE HAIPHONG

**COORDINATING OFFICERS**

**TOP SECRET**

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**CLASSIFIED MESSAGE**

25X1

ORIG:  
UNIT:  
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DATE:

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

ROUTING			
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	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

27728

TO :  
FROM:  
CONF:  
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**PAGE THREE**

TO INFO CITE

AREA, AND TWO IN THE YEN BAI AREA.

5. DUE TO THE MOBILITY OF THE SAM SITES HQS WILL NOT FURNISH YOU WITH LOCATIONS OF PRESENTLY OCCUPIED SITES, BUT WILL CONTINUE TO FURNISH YOU WITH ALL SAM SITES OCCUPIED OR UNOCCUPIED.

6. THE QUALITY OF THE PHOTOGRAPHS FOR BOTH MSNS IS CONSIDERED EXCELLENT, ALTHOUGH CERTAIN AREAS OF BOTH MSNS WERE CLOUD COVERED OR HAD HEAVY HAZE.

**END OF MESSAGE**

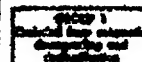
25X1

*for*   
C/INTEL/O/OSA

RELEASING OFFICER

COORDINATING OFFICERS

**TOP SECRET**



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25X1

ORIG:

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CLASSIFIED MESSAGE

2003/12/01 : CIA-RDP69B00041R000200010001-5

UNIT: OXC/O/OSA

S E C R E T

25X1

EXT:

DATE: 13 JUNE 67

TO :

FROM:

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EDDL

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ROUTING			
1	OXC/O/OSA	9	Compt/OSA
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4	D/O/OSA	12	
5	SS/OSA	13	
6	Coming	14	
7	D/M/OSA	15	
8	Intel/O/OSA	16	
DEFERRED		PRIORITY	INITIALS
ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

2724<sup>6</sup>

25X1

TO S E C R E T INFO

13 17 01 Z

25X1

REF #: BSX003

25X1

FROM GEN BACALIS

1. WISH TO EXTEND HEARTIEST CONGRATULATIONS TO YOU AND YOUR ENTIRE STAFF FOR LAUNCHING AND ACCOMPLISHING SECOND OPERATIONAL MISSION IN SPITE OF DIFFICULTIES ENCOUNTERED.

2. PRELIMINARY READOUT OF TAKE FROM BSX003 INDICATES EXCELLENT PHOTO QUALITY AND COVERAGE.

25X1

3. PLEASE EXTEND MOST HEARTY "WELL DONE" TO

END OF MESSAGE

25X1

25X1

PAUL N. BACALIS

D/SA

RELEASING OFFICER

COORDINATING OFFICERS

S E C R E T

WILLIAM E SHELTON

D/O/OSA

AUTHENTICATING OFFICER

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25X1 ORG: [ ] Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

UNIT: OXC/O/OSA

TOP SECRET

25X1 EXT: [ ]

DATE: 6 JUN 67

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ROUTING			
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		OPERATIONAL IMMEDIATE	INITIALS

OSA 1-20 M 26524

TO TOP SECRET INFO

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CITE

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PRIORITY

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25X1

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NM  
DJ

THIS IS A BLACK SHIELD MESSAGE

OXCARTR MISSION NUMBER BSX003 ALERTED FOR TAKEOFF FROM

KADENA AT 10 JUN 1 0200 Z. ESTIMATED TIME OF LANDING AT

KADENA IS 10 JUN 1 0725 Z. AREA OF OPERATION NORTH VIETNAM.

YOU WILL BE ADVISED OF DELAY OR CANCELLATION,

END OF MESSAGE

MSN CONT LEM

25X1

C/OXC/O/OSA  
RELEASING OFFICER

COORDINATING OFFICERS

TOP SECRET

GROUP 1  
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25X1 ORIG: [ ] Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

UNIT: OXC/O/OSA

25X1 EXT: [ ]

DATE: 6 JUN 67

TOP SECRET

ROUTINE	
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8	16

DEFERRED	PRIORITY	INITIALS
ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO :

FROM:

CONF:

INFO:

26523

TO TOP SECRET INFO

CITE

PRIORITY WHITE HOUSE SITUATION ROOM Z

25X1

TOP SECRET.

CITE

25X1

PLS PASS TO INTERNATIONAL SITUATION CENTER.

ATTN: EYES ONLY

25X1

SUBJECT: BLACK SHIELD ALERT MESSAGE

OXCARD MISSION NUMBER BSX003 ALERTED FOR TAKEOFF FROM KADENA

AT 10 JUN 1 0200 Z. ESTIMATED TIME OF LANDING AT KADENA IS

10 JUN 1 0725 Z. AREA OF OPERATION NORTH VIETNAM. YOU WILL

BE ADVISED OF DELAY OR CANCELLATION.

END OF MESSAGE

MSN CONT

25X1

C/OXC/O/OSA

RELEASING OFFICER

COORDINATING OFFICERS

TOP SECRET

GROUP 1  
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downgrading and  
declassification

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25X1 ORIG: [ ] Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5  
 UNIT: OXC/O/OSA  
 EXT: [ ]  
 25X1 DATE: 6 JUN 67

TOP SECRET

ROUTING			
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8		16	
COORDINATING OFFICERS	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO :  
 FROM:  
 CONF:  
 INFO :

OSA 1-20 K 26522 25X1

TO TOP SECRET INFO 8 21 00 Z CITE [ ]

PRIORITY STATE DEPT (RCI)

TOP SECRET. [ ]

STATE (RCI) PLS PASS TO MR. MCAFFEE OR MR. DELABARRE

SUBJECT: BLACK SHIELD ALERT MESSAGE

OXCARTR MISSION NUMBER BSX003 ALERTED FOR TAKEOFF FROM KADENA  
 AT 10JUN 1 0200 Z. ESTIMATED TIME OF LANDING AT KADENA  
 IS 10JUN 1 0725 Z. AREA OF OPERATION NORTH VIETNAM.  
 YOU WILL BE ADVISED OF DELAY OR CANCELLATION.

END OF MESSAGE

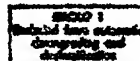
MSN CONT Len

COORDINATING OFFICERS

TOP SECRET

C/OXC/O/OSA

RELEASING OFFICER



AUTHENTICATING OFFICER

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PART II (BONUS COMOR TARGETS)

[illegible]

MISSION BSX003 (9 June '67)

25X1

Approved For Release 2003/12/01 : CIA-RDP69B00041R000200010001-5

DATA BASE TARGETS COVERED BY MISSION BSX003:

25X1

1.		VN	Hanoi/Bac Mai Airfield
2.		VN	Hanoi/Gia Lam Airfield
3.		VN	Phuc Yen Airfield
* 4.		VN	Lai Chau Complex
* 5.		VN	Tuyen Quang Complex
6.		VN	Lao Kay Complex
* 7.		VN	Yen Vien (Hanoi) RR Yards

\* Initial Data Base Coverage

16	COMOR Programmed Covered
7	Other COMOR
<hr/> 23	Total COMOR Tgts.
7	Bonus Targets
<hr/> 30	Total

PART I

TARGET COVERAGE REPORT FOR MISSION BSX003, 9 JUNE\*67

NORTH VIETNAM TARGETS

COMOR NO.	INSTALLATION NAME	PRO-GRAMMED	INTERPRET-ABILITY	REMARKS/WEATHER
25X1	(PRIORITY I + SSM)			
1.	Haiphong/Kien An A/F	X	POOR	SCATTERED CLOUDS OBLIQUITY
2.	Phuc Yen A/F	X	GOOD	CLEAR, OBLIQUITY
3.	Haiphong Port Complex	X	POOR	HAZE, OBLIQUITY
4.	Dong Dang Complex			NOT COVERED
5.	Kop Complex			NOT COVERED
6.	Lao Kay Complex		GOOD	CLEAR
7.	Haiphong RR Yards	X		NOT COVERED
8.	Viet Tri RR Yards	X		NOT COVERED
9.	Yen Vien (Hanoi) RR Yards	X	GOOD	CLEAR
	(PRIORITY I)			
10.	Haiphong/Cat Bi A/F	X	FAIR	HAZE, OBLIQUITY
11.	Hanoi/Bac Mai A/F	X	GOOD	CLEAR, OBLIQUITY
12.	Hanoi/Gia Lam A/F	X	GOOD	CLEAR, OBLIQUITY
13.	Lang Son A/F			NOT COVERED
14.	Kep A/F	X	POOR	HAZE, OBLIQUITY
15.	Hoa Lac A/F U/C	X	POOR	HAZE, OBLIQUITY
16.	Cam Pha Port Facilities			NOT COVERED
17.	Hon Gay Port Facilities			NOT COVERED
18.	Vinh/Ben Thuy Port Facilities			NOT COVERED
19.	Kep to Than Nguyen RR	X		NOT COVERED
20.	Phu Lang Thuong Complex	X	POOR	HAZE, CLEAR
21.	Cao Bang Complex			NOT COVERED
22.	Lai Chau Complex		POOR	CLEAR
23.	Lang Son Complex			NOT COVERED
24.	Mon Cay Complex			NOT COVERED
25.	Tien Yen Complex			NOT COVERED
26.	Tuyen Quang Complex	X	POOR	CLEAR
27.	Yen Bai Complex			NOT COVERED
28.	Dien Bien Phu Complex			NOT COVERED
	25X1			

PART I (CONT'D)

25X3

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## PART II

TARGET COVERAGE REPORT FOR MISSION BSX003, 9 JUNE '67

## CHINA TARGETS

25X1 COMOR NO.

INSTALLATION NAME

## INTERPRET- ABILITY

REMARKS/WEATHER

(PRIORITY I TARGETS)

## Ling-Shui Airfield

POOR

HAZE

Ho-Kou Army Barracks North

GOOD

CLEAR

(PRIORITY II TARGETS)

NONE

(OTHER COMOR TARGETS)

Yu-Lin Coastal Defense & Radar Site

POOR

HAZE

(BONUS TARGETS, non-COMOR)

## Ho-Kou Vehicle Parks

GOOD

CLEAR



PART III

TARGET COVERAGE REPORT FOR MISSION BSX003, 9 JUNE'67

DATA BASE TARGETS COVERED:

(NORTH VIETNAM)



Hanoi/Bac Mai Airfield  
Hanoi/Gia Lam Airfield  
Phuc Yen Airfield  
Lai Chau Complex  
Tuyen Quang Complex  
Lao Kay Complex  
Yen Vien (Hanoi) RR Yards

(CHINA)

None

NORTH VIETNAM

5 ----- of 9 SSM Targets Covered  
13 ----- of 28 Priority I Targets Covered  
7 ----- of 20 Other N. Vietnam COMOR Targets Covered  
16 ----- of 22 Programmed Targets Covered  
20 ----- of 48 N. Vietnam Targets Covered  
6 ----- Bonus Targets Covered (non-COMOR)  
26 ----- Total Targets Covered

(97 SAMS Sites Covered) 4 new

CHINA

2 ----- Priority I Targets Covered  
0 ----- Priority II Targets Covered  
1 ----- Other COMOR Target Covered  
1 ----- Bonus Target Covered (non-COMOR)  
4 ----- Total Targets Covered

(No SAM Sites Covered)

26 North Vietnam Targets Covered  
4 China Targets Covered  
30 Total Targets Covered

Next 20 Page(s) In Document Exempt

CONTENTS

1. Justification
2. Target Data
3. Operational Data
4. Map Depicting Planned Route
5. Map Depicting SAM Order of Battle
6. Map Depicting Mission Plan Weather
7. Mission Approval Signatures

JUSTIFICATION

This mission is in response to the USIB requirement for high resolution photographic coverage of priority targets in North Vietnam. Specifically, the OXCART aircraft is to cover those areas of North Vietnam which because of surface-to-air missile defenses cannot be covered adequately by other means. The 303 Committee has approved this mission.

TARGET DATA

There are 47 COMOR targets in North Vietnam which are listed below. Apart from coverage of these targets, OXCART photography is to be used specifically to locate and identify surface-to-surface missiles in North Vietnam if and when they should be introduced.

STAT

<ul style="list-style-type: none"> <li>* 1.</li> <li>* 2.</li> <li>* 3.</li> <li>* 4.</li> <li>* 5.</li> <li>* 6.</li> <li>7.</li> <li>* 8.</li> <li>9.</li> <li>* 10.</li> <li>11.</li> <li>* 12.</li> <li>13.</li> <li>14.</li> <li>15.</li> <li>16.</li> <li>17.</li> <li>18.</li> <li>* 19.</li> <li>20.</li> <li>21.</li> <li>* 22.</li> <li>23.</li> <li>* 24.</li> <li>25.</li> <li>26.</li> <li>* 27.</li> <li>28.</li> <li>29.</li> <li>* 30.</li> <li>* 31.</li> <li>* 32.</li> </ul>	<ul style="list-style-type: none"> <li>Cac Ba Coastal Defense Site</li> <li>Haiphong/Cat Bi A/F</li> <li>Haiphong/Kien An A/F</li> <li>Hanoi/Bac Mai A/F</li> <li>Hanoi/Gia Lam A/F</li> <li>Phuc Yen A/F</li> <li>Lang Son A/F</li> <li>Kep A/F</li> <li>Yen Bai Suspect A/F U/C</li> <li>Hoa Lac A/F U/C</li> <li>Bai Thuong A/F</li> <li>Haiphong Port Complex</li> <li>Cam Pha Port Facilities</li> <li>Hon Gay Port Facilities</li> <li>Ha Tou Naval Support Facility</li> <li>Vinh/Ben Thuy Port Facilities</li> <li>Thanh Hoa Poss Bio Research Installations</li> <li>Ha Giang Military Installation</li> <li>Van Hai Army Barracks</li> <li>Lang Son Military Complex</li> <li>Loc Binh Army Supply Depot</li> <li>Thai Nguyen Army Supply Depot North</li> <li>Bac Kan Military Area</li> <li>Phu Lang Thuong Military Area</li> <li>Hanoi-Lao Cai RR, Segment 2</li> <li>Hanoi-Lao Cai RR, Segment 1</li> <li>Hanoi-Lao Cai RR, Segment 3</li> <li>Hanoi-Ping Hsiang RR, Segment 2</li> <li>Hanoi-Ping Hsiang RR, Segment 1</li> <li>Hanoi-Ping Hsiang RR, Segment 3</li> <li>Hanoi-Lao Cai RR, Segment 4</li> <li>Hanoi-Lao Cai RR, Segment 5</li> </ul>
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STAT

*33.		Kep To Than Nguyen RR
*34.		Dong Dang Complex
35.		Phu Lang Thuong Complex
36.		Cao Bang Complex
37.		Lai Chau Complex
38.		Lang Son Complex
39.		Mon Cay Complex
40.		Tien Yen Complex
*41.		Tuyen Quang Complex
42.		Yen Bai Complex
43.		Dien Bien Phu Complex
44.		Lao Kay Complex
*45.		Haiphong RR Yards
*46.		Viet Tri RR Yards
*47.		Yen Vien (Hanoi) RR Yards


NOTE: Thirty-four of the above 47 COMOR targets are in the SAM defended area. This mission has been planned to make two passes over the primary target area which will take advantage of cloud movement and should permit more complete photo coverage. This mission should cover at least 22 COMOR targets and a large number of other bonus targets. Asterisk indicates the COMOR targets this mission should cover.

OPERATIONAL DATA

DISTANCE : 6318 NM  
TIME : 5 + 16  
DENIED TIME : 0:18  
ENTRY ALTITUDE: 78,900 Feet  
SPEED : Mach 3.1 (1777 Kts Air Speed)

VULNERABILITY ESTIMATE

At the present time 190 surface-to-air missile launch positions have been detected in North Vietnam. However, there are only about 28 to 32 active sites on any given day. They are largely concentrated in the Hanoi, Haiphong, Thanh Hoa area.

STAT  There are a number of MIG-21 jet interceptors in North Vietnam but they are not capable of intercepting the OXCART aircraft.

Next 1 Page(s) In Document Exempt



TOP SECRET  
OXCART

The OXCART Mission BSX 003 as planned  
herein is approved.

[Redacted Signature]

DIRECTOR OF SPECIAL ACTIVITIES

[Redacted Signature]

DEPUTY DIRECTOR FOR SCIENCE AND TECHNOLOGY

[Redacted Signature]

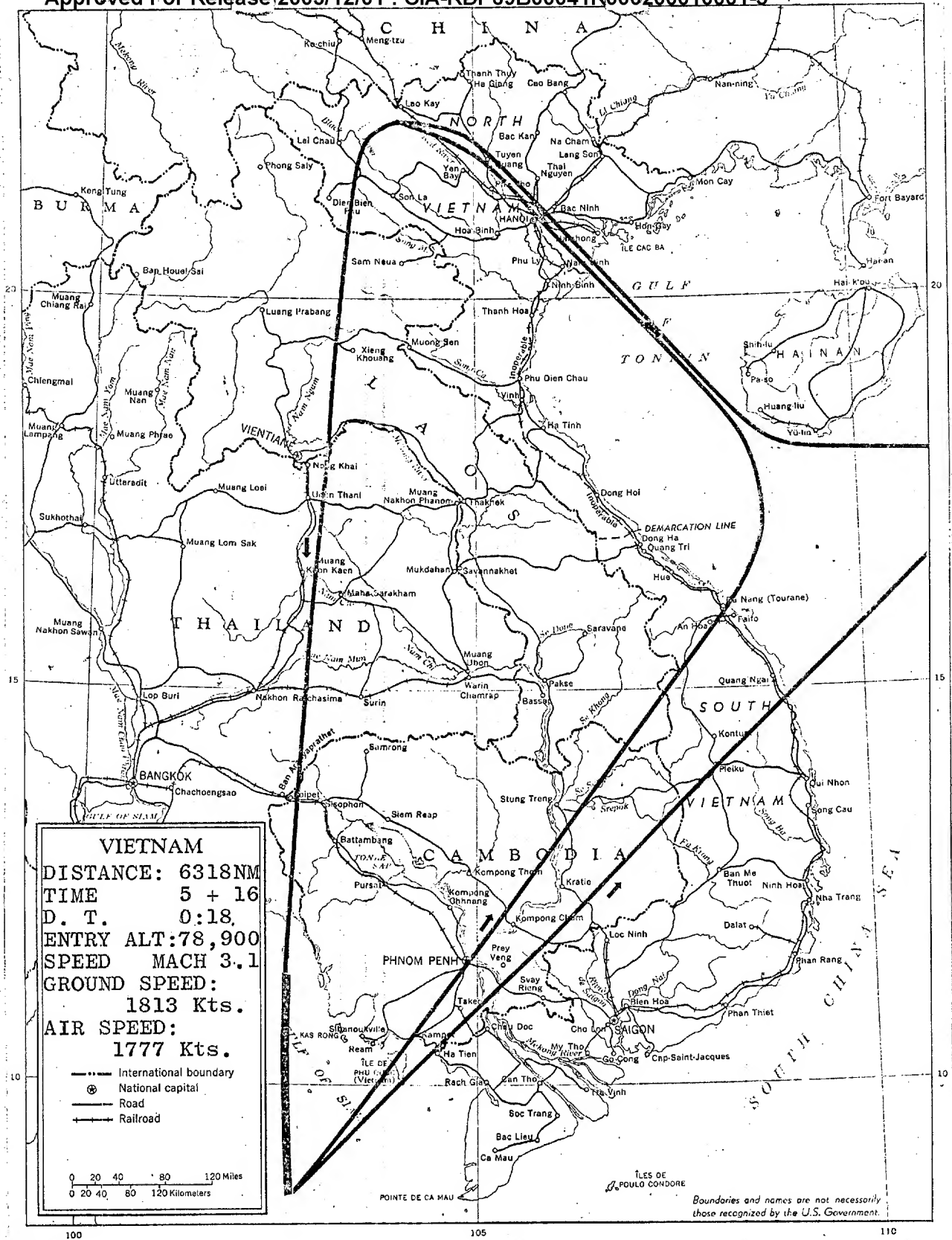
DEPUTY DIRECTOR OF CENTRAL INTELLIGENCE

*Richard Helms*

DIRECTOR OF CENTRAL INTELLIGENCE

25X1

TOP SECRET  
OXCART



25X1

**SECRET**

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MCP

MISSION COVERAGE PLOTS



MISSION BSX-003

10 JUNE 1967

NPIC/R-5019/67  
AUGUST 1967

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

**SECRET**

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NPIC/R-5019/67

MISSION COVERAGE PLOTS

# MISSION BSX-003 10 JUNE 1967

AUGUST 1967

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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## PREFACE

This publication contains the geographic location plots of the photography on Mission BSX-003, dated 10 June 1967. These plots are presented on a WAC format that has been reduced for convenience to approximately 60 percent of the original size. The line joining the plotted frames represents the trace of the principal points of the photography and does not necessarily represent the vehicle nadir (position of the vehicle in relation to the terrain). There are 3 plot sheets in this publication arranged in ascending order by control number.

The flight-line index on page iii indicates the approximate track of the vehicle for that portion of the mission during which the camera was in operation.

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NPIC/P-160/67 .....	WAC 617

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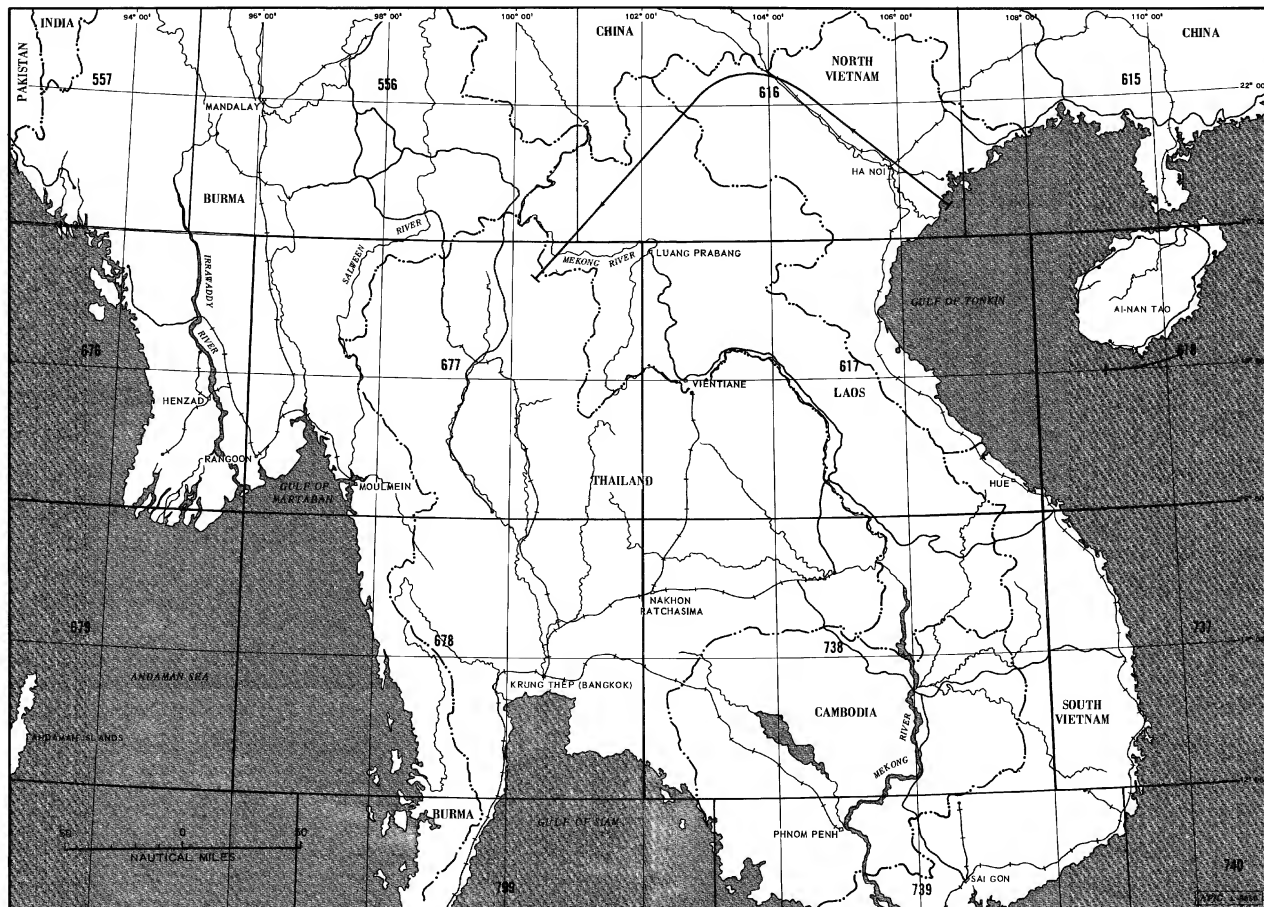
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NPIC/R-5019/67



MISSION FLIGHT-LINE INDEX. This map shows the approximate track of Mission BSX-003, 10 June 1967.

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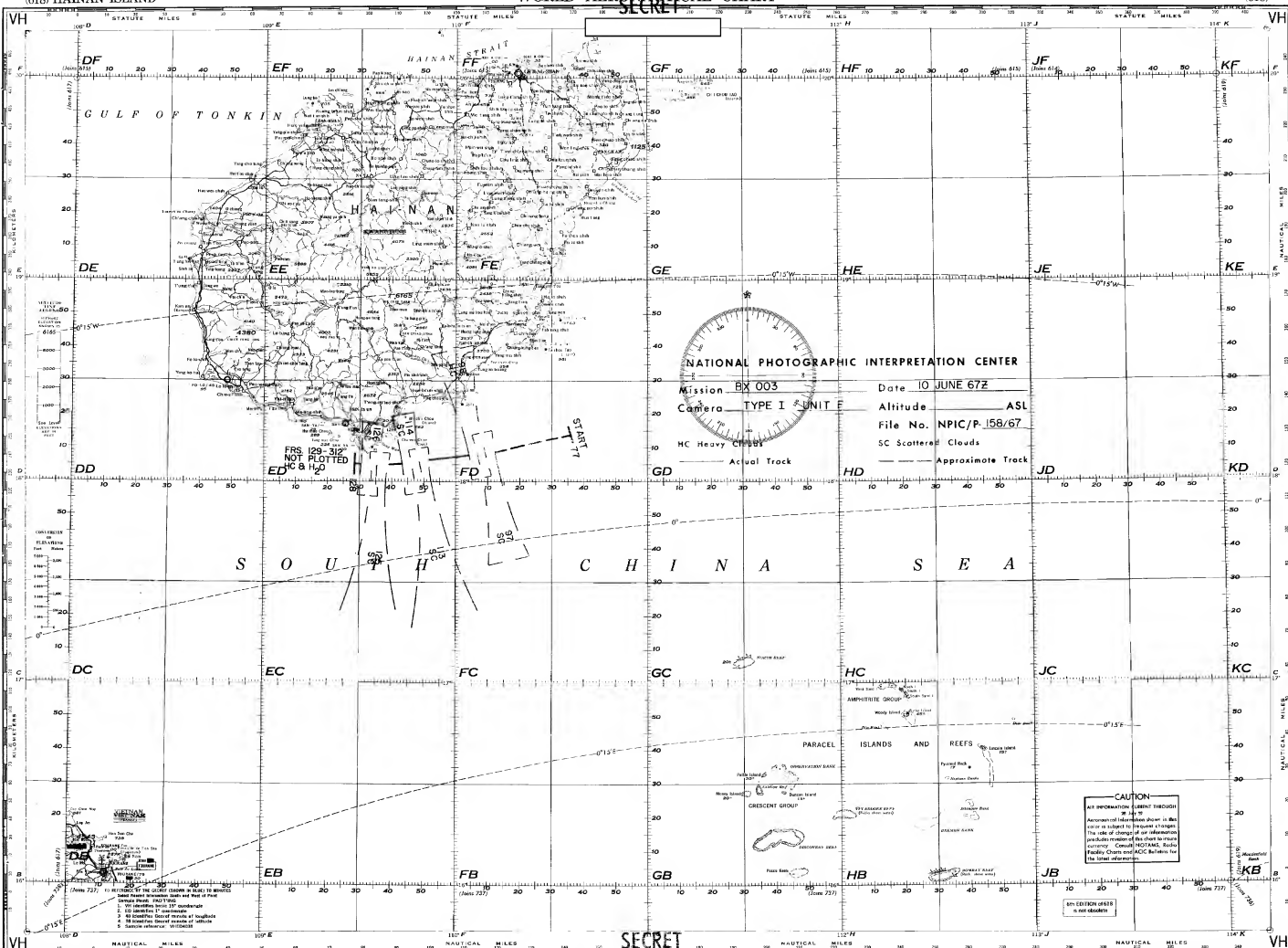
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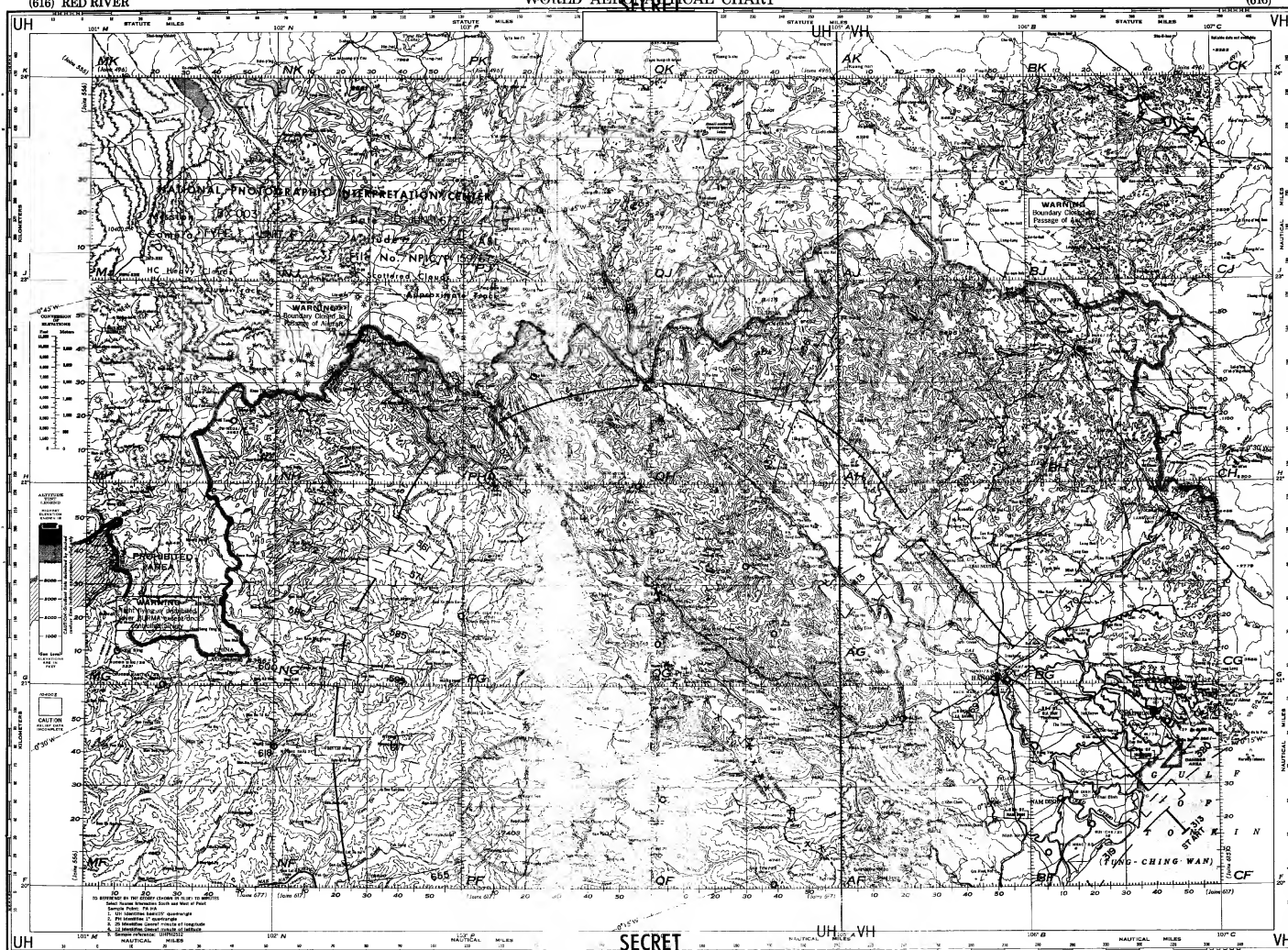
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(618)



(616) RED RIVER

(616)



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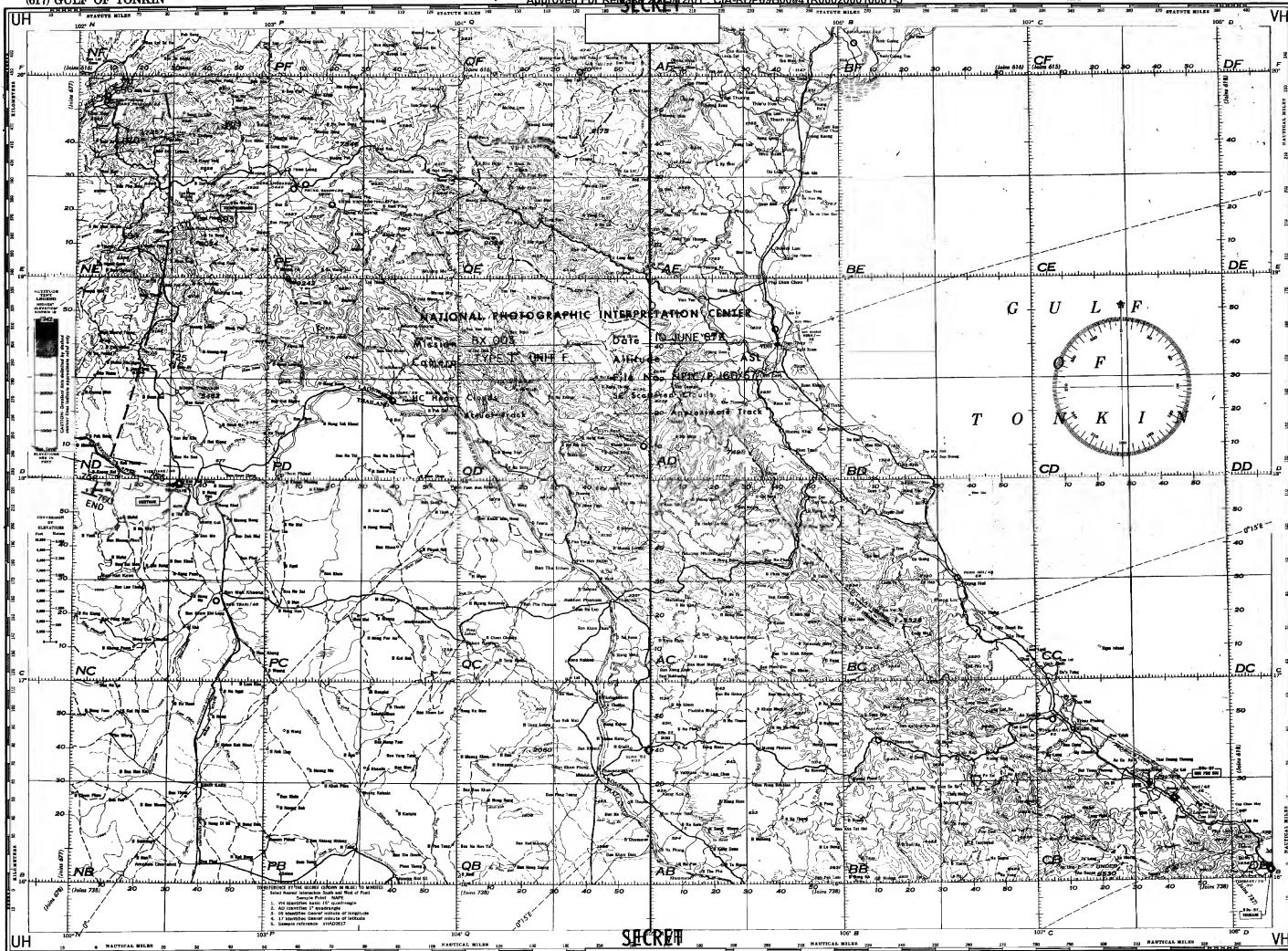
**RED RIVER (616)**  
BURMA-CHINA-LAO-VIET NAM

(617) GULF OF TONKIN

WORLD AERONAUTICAL CHART

(617)

SECRET



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GULF OF TONKIN (617)

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